Домашнее задание по Математической логике №5

Приложение 2. Метод резолюций

Часть 7. 35001 - 40000

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$$1. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

2.
$$t_{e_{1,3},e_{2,3}}, \neg t_{e_{1,2},\neg e_{1,3}} \lor \neg t_{e_{1,3},e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$3. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

4.
$$t_{e_{1,3},e_{2,3}}, \neg t_{e_{1,2},\neg e_{1,3}} \lor \neg t_{e_{1,3},e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$5. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

6.
$$t_{e_{1,3},e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\neg e_{1,3}} \lor \neg t_{e_{1,3},e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\neg e_{1,3}} \lor e_{2,3}$$

7.
$$t_{e_{1,3},e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\neg e_{1,3}} \lor \neg t_{e_{1,3},e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\neg e_{1,3}} \lor e_{2,3}$$

$$8. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$9. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$10. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$11. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

12.
$$t_{e_{1,3},e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\neg e_{2,3}} \lor \neg t_{e_{1,3},e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\neg e_{2,3}} \lor e_{1,3}$$

13.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$14. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$15. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

16.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$17. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$18. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

19.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$20. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$21. \ \ t_{e_{1,3}, \, e_{2,3}}, \neg t_{e_{1,2}, \, \neg e_{1,3}} \lor \neg t_{e_{1,3}, \, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$22. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$23. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$24. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$25. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$26. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$27. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$28. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$29. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$30.\ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

31.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$32. \ \ t_{e_{1,3},\, e_{2,3}}, \neg t_{e_{1,2},\, \neg e_{1,3}} \lor \neg t_{e_{1,3},\, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$33. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$34. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

35.
$$t_{e_{1,3},e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\neg e_{1,3}} \lor \neg t_{e_{1,3},e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\neg e_{1,3}} \lor e_{2,3}$$

36.
$$t_{e_{1,3},e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\neg e_{1,3}} \lor \neg t_{e_{1,3},e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\neg e_{1,3}} \lor e_{2,3}$$

$$37. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$38. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

39.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

$$40. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$41. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$42. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

43.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

$$44. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$45. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

46.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

$$47. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$48. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$49. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$50. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$51. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$52. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$53. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$54. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$55. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$56. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$57. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$58. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$59. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$60.\ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$61. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

62.
$$t_{e_{1,3},e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\neg e_{2,3}} \lor \neg t_{e_{1,3},e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\neg e_{2,3}} \lor e_{1,3}$$

63.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

$$64. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$65. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

66.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$67. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$68. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$69. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

70.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

71.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

72.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

73.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

74.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

75.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$76. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

77.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

78.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

79.
$$t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$80. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

81.
$$t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

82.
$$t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

83.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$84. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

85.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

$$86. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$87. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

88.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

89.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

90.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

91.
$$t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$92. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

93.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

94.
$$t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

95.
$$t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

96.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

97.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

98.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

99.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

100.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$101. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

102.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

$$103.\ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$104. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$105. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$106. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$107. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

108.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

$$109. \ \ t_{e_{1,3}, \, e_{2,3}}, \neg t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{e_{1,3}, \, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

110.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$111. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$112. \ \ t_{e_{1,3}, \, e_{2,3}}, \neg t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{e_{1,3}, \, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$113. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$114. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$115. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$116.\ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

117.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

$$118. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$119. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

120.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

$$121. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$122. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$123. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

124.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

$$125. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$126. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

127.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$128. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$129.\ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$130. \ \ t_{e_{1,3}, \, e_{2,3}}, \neg t_{e_{1,2}, \, \neg e_{1,3}} \lor \neg t_{e_{1,3}, \, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$131. \ \ t_{e_{1,3}, \, e_{2,3}}, \neg t_{e_{1,2}, \, \neg e_{1,3}} \lor \neg t_{e_{1,3}, \, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

132.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$133. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$134. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$135. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$136. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$137. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$138. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$139. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$140. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

141.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$142. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

143.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

144.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$145. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$146. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

147.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$148. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

149.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$150. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

151.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

152.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$153. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

154.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

155.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

156.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$157. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$158. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

159.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$160. \ \ t_{e_{1,3}, \, e_{2,3}}, \neg t_{e_{1,2}, \, \neg e_{1,3}} \lor \neg t_{e_{1,3}, \, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$161. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$162. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$163. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$164. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$165. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

166.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

$$167. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$168. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$169. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

170.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

171.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

172.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

$$173. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$174. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$175. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$176. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$177. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

178.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

179.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

$$180. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

181.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

$$182. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$183. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$184. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$185. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$186. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$187. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$188. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

189.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

$$190.\ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

191.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

$$192. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

193.
$$t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

194.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

195.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

196.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

197.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$198.\ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$199.\ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$200. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$201. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$202. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$203. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

204.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$205. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$206. \ \ t_{e_{1,3}, \, e_{2,3}}, \neg t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{e_{1,3}, \, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$207. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$208.\ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$209. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$210. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$211. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$212. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$213. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$214. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$215. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

216.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

$$217. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$218. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$219. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$220.\ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$221. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$222. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$223. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{1,3} \vee e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \vee e_{1,3} \vee e_{1,2}$$

224.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

225.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$226. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$227. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{2,3} \vee e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \vee e_{2,3} \vee e_{1,2}$$

228.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$229. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$230. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$231. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$232. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$233. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$234. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$235. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$236. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

237.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$238.\ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$239. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

240.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$241. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$242. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

243.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$244. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$245. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$246. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$247. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$248. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$249. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$250. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$251. \ t_{e_{1,3}, \, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{e_{1,3}, \, e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor e_{1,3}$$

$$252. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$253. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$254. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

255.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$256. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$257. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$258. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

259.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$260. \ \ t_{e_{1,3}, \, e_{2,3}}, \neg t_{e_{1,2}, \, \neg e_{1,3}} \lor \neg t_{e_{1,3}, \, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$261. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$262. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$263. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$264. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$265. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$266. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$267. \ \ t_{e_{1,3}, \, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{e_{1,3}, \, e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor e_{1,3}$$

$$268. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$269. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

270.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$271. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$272. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$273. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$274. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{2,3} \vee e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \vee e_{2,3} \vee e_{1,2}$$

275.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

276.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$277. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$278. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$279. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$280.\ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

281.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$282. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$283. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$284. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$285.\ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

286.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

287.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$288. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$289. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$290. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$291. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$292. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$293. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$294. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$295. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$296. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$297. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$298. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$299. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$300.\ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$301. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$302. \ t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

303.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

304.
$$t_{e_{1,3},e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\neg e_{1,3}} \lor \neg t_{e_{1,3},e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\neg e_{1,3}} \lor e_{2,3}$$

$$305. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$306.\ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$307. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$308. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

309.
$$t_{e_{1,3},e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\neg e_{2,3}} \lor \neg t_{e_{1,3},e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\neg e_{2,3}} \lor e_{1,3}$$

$$310. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$311. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

312.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

$$313.\ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$314. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$315. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

316.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

$$317. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$318. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$319. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$320. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

321.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$322. \ t_{e_{1,3},\, e_{2,3}}, \neg t_{e_{1,2},\, \neg e_{2,3}} \vee \neg t_{e_{1,3},\, e_{2,3}} \vee e_{1,3} \vee e_{1,2} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \vee e_{1,3} \vee e_{1,2}$$

$$323. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

324.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$325. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{1,3} \vee e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \vee e_{1,3} \vee e_{1,2}$$

$$326. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$327. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{1,3} \vee e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \vee e_{1,3} \vee e_{1,2}$$

328.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

329.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$330. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$331. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{1,3} \vee e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \vee e_{1,3} \vee e_{1,2}$$

$$332. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

333.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

334.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$335. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

336.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

337.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$338. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$339. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{2,3} \vee e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \vee e_{2,3} \vee e_{1,2}$$

340.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$341. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$342. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

343.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

$$344. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$345. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$346. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$347. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$348. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$349. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$350. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$351. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

352.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$353. \ \ t_{e_{1,3}, \, e_{2,3}}, \neg t_{e_{1,2}, \, \neg e_{1,3}} \lor \neg t_{e_{1,3}, \, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$354. \ \ t_{e_{1,3}, \, e_{2,3}}, \neg t_{e_{1,2}, \, \neg e_{1,3}} \lor \neg t_{e_{1,3}, \, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

355.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

356.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$357. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$358. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$359. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$360.\ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$361. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$362. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$363. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$364.\ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$365. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$366.\ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$367.\ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$368. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$369.\ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

370.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

371.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$372. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$373. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$374. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$375. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$376. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$377.\ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

378.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

$$379. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{1,3} \vdash \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \vee e_{1,3}$$

380.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

381.
$$t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

382.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

383.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

384.
$$t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

385.
$$t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{2,3} \vee e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \vee e_{2,3} \vee e_{1,2}$$

$$386.\ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

387.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$388. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$389. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$390. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$391. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$392. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$393. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

394.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

$$395. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{1,3} \vdash \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \vee e_{1,3}$$

$$396. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

397.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$398. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{1,3} \vee e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \vee e_{1,3} \vee e_{1,2}$$

$$399.\ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$400.\ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$401. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

402.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$403. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$404.\ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$405.\ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$406. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

407.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$408. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

409.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

410.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

411.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

412.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$413.\ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

414.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$415. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$416. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

417.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

$$418. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$419. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$420. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

421.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

$$422. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$423. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$424.\ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$425. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$426. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$427. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$428. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

429.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

430.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

$$431. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

432.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

$$433. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

434.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

$$435. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$436.\ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

437.
$$t_{e_{1,3},e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\neg e_{2,3}} \lor \neg t_{e_{1,3},e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\neg e_{2,3}} \lor e_{1,3}$$

$$438. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$439. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$440. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

441.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

$$442. \ t_{e_{1,3}, \, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{e_{1,3}, \, e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor e_{1,3}$$

443.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

$$444. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

445.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

$$446.\ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$447. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

448.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

449.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$450. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

451.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

452.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

453.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$454. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$455. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

456.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

457.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$458. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$459. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$460. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

461.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$462. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

463.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$464.\ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$465. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$466. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$467. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

468.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$469. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$470. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

471.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

$$472. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$473. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$474. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

475.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

$$476. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$477. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

478.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

479.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

480.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$481. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{2,3} \vee e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \vee e_{2,3} \vee e_{1,2}$$

$$482. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

483.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$484. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{2,3} \vee e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \vee e_{2,3} \vee e_{1,2}$$

$$485. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$486. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$487. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$488. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$489. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

490.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

$$491. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$492. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$493. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{1,3} \vee e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \vee e_{1,3} \vee e_{1,2}$$

494.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

495.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$496. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$497. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{2,3} \vee e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \vee e_{2,3} \vee e_{1,2}$$

498.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$499. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{2,3} \vee e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \vee e_{2,3} \vee e_{1,2}$$

$$500. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$501. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

502.
$$t_{e_{1,3},e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\neg e_{1,3}} \lor \neg t_{e_{1,3},e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\neg e_{1,3}} \lor e_{2,3}$$

$$503. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$504. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$505.\ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$506. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$507. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$508. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$509.\ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$510. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$511. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$512. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$513. \ \ t_{e_{1,3}, \, e_{2,3}}, \neg t_{e_{1,2}, \, \neg e_{1,3}} \lor \neg t_{e_{1,3}, \, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$514. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$515. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$516. \ \ t_{e_{1,3}, \, e_{2,3}}, \neg t_{e_{1,2}, \, \neg e_{1,3}} \lor \neg t_{e_{1,3}, \, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$517. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$518. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$519. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$520. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$521. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$522. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$523. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$524. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$525. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$526. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$527. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{1,3} \vee e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \vee e_{1,3} \vee e_{1,2}$$

$$528.\ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

529.
$$t_{e_{1,3},e_{2,3}}, \neg t_{e_{1,2},\neg e_{1,3}} \lor \neg t_{e_{1,3},e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$530. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$531. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{2,3} \vee e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \vee e_{2,3} \vee e_{1,2}$$

$$532. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$533. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$534. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$535. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$536. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

537.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$538. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$539. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{2,3} \vee e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \vee e_{2,3} \vee e_{1,2}$$

$$540. \ \ t_{e_{1,3}, \, e_{2,3}}, \neg t_{e_{1,2}, \, \neg e_{1,3}} \lor \neg t_{e_{1,3}, \, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$541. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{2,3} \vee e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \vee e_{2,3} \vee e_{1,2}$$

$$542. \ \ t_{e_{1,3}, \, e_{2,3}}, \neg t_{e_{1,2}, \, \neg e_{1,3}} \lor \neg t_{e_{1,3}, \, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$543. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

544.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$545. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$546. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$547. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$548. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$549. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$550. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$551. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$552. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$553. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$554. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$555. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

556.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

$$557. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$558. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$559. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$560. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$561. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$562. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$563. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$564. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$565. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$566.\ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$567. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$568. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$569. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{1,3} \vdash \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \vee e_{1,3}$$

$$570. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$571. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$572. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$573. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$574.\ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

575.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

$$576.\ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$577.\ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$578.\ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$579. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$580.\ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$581. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$582. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$583.\ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$584. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$585. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

586.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

587.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$588. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$589.\ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$590. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$591. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$592. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$593. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{2,3} \vee e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \vee e_{2,3} \vee e_{1,2}$$

$$594.\ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$595. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$596. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$597. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$598. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$599. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$600. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$601. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$602. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

603.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

$$604. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$605. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

606.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$607. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{1,3} \vee e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \vee e_{1,3} \vee e_{1,2}$$

$$608. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$609. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

610.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$611. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$612. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{2,3} \vee e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \vee e_{2,3} \vee e_{1,2}$$

$$613.\ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$614. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$615. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$616. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$617. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$618. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$619. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{1,3} \vdash \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \vee e_{1,3}$$

$$620.\ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

621.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$622. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$623. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{1,3} \vee e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \vee e_{1,3} \vee e_{1,2}$$

$$624. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

625.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

626.
$$t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{2,3} \vee e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \vee e_{2,3} \vee e_{1,2}$$

$$627. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{2,3} \vee e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \vee e_{2,3} \vee e_{1,2}$$

$$628. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$629. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

630.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

$$631. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$632. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

633.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

$$634. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$635. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$636. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

637.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$638. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$639. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{1,3} \vee e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \vee e_{1,3} \vee e_{1,2}$$

640.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

641.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$642. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$643. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$644. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

645.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

$$646. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$647. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$648. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{2,3} \vdash \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \vee e_{2,3}$$

$$649. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$650. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$651. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$652. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

653.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$654. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$655. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

656.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

657.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$658.\ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$659. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$660. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$661. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{2,3} \vee e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \vee e_{2,3} \vee e_{1,2}$$

$$662. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$663. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

664.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$665. \ \ t_{e_{1,3}, \, e_{2,3}}, \neg t_{e_{1,2}, \, \neg e_{1,3}} \lor \neg t_{e_{1,3}, \, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$666. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

667.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$668. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{2,3} \vee e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \vee e_{2,3} \vee e_{1,2}$$

$$669.\ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$670.\ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$671. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{2,3} \vee e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \vee e_{2,3} \vee e_{1,2}$$

672.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$673. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$674. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

675.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

$$676. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$677. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$678. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$679. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$680.\ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$681. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$682. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$683. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

684.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

$$685. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$686. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

687.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

$$688. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$689. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$690. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

691.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

692.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

$$693. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

694.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

695.
$$t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$696.\ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$697. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$698. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

699.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

$$700. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{1,3} \vdash \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \vee e_{1,3}$$

701.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

702.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

703.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

704.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

705.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

706.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

707.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

708.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

709.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

710.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

711.
$$t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{1,3} \vee e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \vee e_{1,3} \vee e_{1,2}$$

712.
$$t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

713.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

714.
$$t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{1,3} \vee e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \vee e_{1,3} \vee e_{1,2}$$

715.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

716.
$$t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{1,3} \vee e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \vee e_{1,3} \vee e_{1,2}$$

717.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

718.
$$t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

719.
$$t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

720.
$$t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{1,3} \vee e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \vee e_{1,3} \vee e_{1,2}$$

721.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

722.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

723.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

724.
$$t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{2,3} \vee e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \vee e_{2,3} \vee e_{1,2}$$

725.
$$t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

726.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

727.
$$t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

728.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

729.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

730.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

731.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

732.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

733.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

734.
$$t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

735.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

736.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

737.
$$t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

738.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

739.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

740.
$$t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{2,3} \vee e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \vee e_{2,3} \vee e_{1,2}$$

741.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

$$742. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$743. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$744. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

745.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

$$746. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

747.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

748.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

749.
$$t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

750.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

751.
$$t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{1,3} \vee e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \vee e_{1,3} \vee e_{1,2}$$

752.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

753.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

754.
$$t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

755.
$$t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$756. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

757.
$$t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

758.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

$$759. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

760.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

761.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

762.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

$$763. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

764.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

765.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

766.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

767.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

768.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

769.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

770.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

771.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

772.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

773.
$$t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

774.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

775.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

776.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

777.
$$t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{1,3} \vdash \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \vee e_{1,3}$$

778.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

779.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

780.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

781.
$$t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

782.
$$t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{1,3} \vee e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \vee e_{1,3} \vee e_{1,2}$$

783.
$$t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{1,3} \vee e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \vee e_{1,3} \vee e_{1,2}$$

$$784. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{1,3} \vee e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \vee e_{1,3} \vee e_{1,2}$$

785.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

786.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

787.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

788.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

789.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

790.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

791.
$$t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

792.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

793.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

794.
$$t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{2,3} \vee e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \vee e_{2,3} \vee e_{1,2}$$

795.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

796.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

797.
$$t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

798.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

799.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$800.\ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$801. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

802.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

$$803. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$804. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$805. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$806.\ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$807. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$808.\ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$809. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{2,3} \vdash \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \vee e_{2,3}$$

$$810.\ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

811.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

812.
$$t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$813.\ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$814. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$815. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$816. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$817. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$818. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$819. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$820. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

821.
$$t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{1,3} \vdash \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \vee e_{1,3}$$

822.
$$t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{1,3} \vdash \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \vee e_{1,3}$$

823.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

$$824. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

825.
$$t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{1,3} \vdash \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \vee e_{1,3}$$

$$826.\ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

827.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

$$828. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$829. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

830.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

$$831. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{1,3} \vdash \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \vee e_{1,3}$$

$$832. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

833.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

834.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$835. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{1,3} \vee e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \vee e_{1,3} \vee e_{1,2}$$

836.
$$t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{1,3} \vee e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \vee e_{1,3} \vee e_{1,2}$$

837.
$$t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$838. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

839.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$840. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

841.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$842. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$843. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$844. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

845.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

846.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

847.
$$t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$848.\ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$849. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$850. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$851. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$852. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

853.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

$$854. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$855. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$856. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

857.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

$$858. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{1,3} \vdash \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \vee e_{1,3}$$

$$859. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{1,3} \vdash \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \vee e_{1,3}$$

$$860.\ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

861.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$862. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$863.\ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$864.\ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$865. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

866.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$867.\ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$868.\ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$869. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{2,3} \vdash \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \vee e_{2,3}$$

$$870. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

871.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

872.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

873.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

$$874. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

875.
$$t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$876.\ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

877.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$878. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$879.\ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

880.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$881. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{2,3} \vee e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \vee e_{2,3} \vee e_{1,2}$$

$$882. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{2,3} \vee e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \vee e_{2,3} \vee e_{1,2}$$

883.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

884.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$885. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{2,3} \vdash \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \vee e_{2,3}$$

$$886.\ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$887. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$888. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$889. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{1,3} \vdash \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \vee e_{1,3}$$

$$890.\ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

891.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

$$892. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$893. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$894.\ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

895.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

896.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$897. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$898. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{2,3} \vee e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \vee e_{2,3} \vee e_{1,2}$$

$$899.\ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

900.
$$t_{e_{1,3},e_{2,3}}, \neg t_{e_{1,2},\neg e_{1,3}} \lor \neg t_{e_{1,3},e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

901.
$$t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{2,3} \vdash \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \vee e_{2,3}$$

$$902. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

903.
$$t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{2,3} \vdash \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \vee e_{2,3}$$

904.
$$t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{2,3} \vdash \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \vee e_{2,3}$$

$$905. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$906. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

907.
$$t_{e_{1,3},e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\neg e_{2,3}} \lor \neg t_{e_{1,3},e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\neg e_{2,3}} \lor e_{1,3}$$

$$908. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{1,3} \vdash \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \vee e_{1,3}$$

909.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

910.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

911.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

912.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

913.
$$t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{2,3} \vee e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \vee e_{2,3} \vee e_{1,2}$$

914.
$$t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

915.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

916.
$$t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{2,3} \vee e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \vee e_{2,3} \vee e_{1,2}$$

917.
$$t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{2,3} \vee e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \vee e_{2,3} \vee e_{1,2}$$

918.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

919.
$$t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{2,3} \vee e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \vee e_{2,3} \vee e_{1,2}$$

920.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

921.
$$t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{2,3} \vee e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \vee e_{2,3} \vee e_{1,2}$$

922.
$$t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

923.
$$t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{2,3} \vee e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \vee e_{2,3} \vee e_{1,2}$$

924.
$$t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

925.
$$t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{2,3} \vee e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \vee e_{2,3} \vee e_{1,2}$$

926.
$$t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

927.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

928.
$$t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{2,3} \vee e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \vee e_{2,3} \vee e_{1,2}$$

929.
$$t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{2,3} \vdash \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \vee e_{2,3}$$

930.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

931.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

932.
$$t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{2,3} \vdash \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \vee e_{2,3}$$

933.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

934.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

935.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

936.
$$t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{2,3} \vdash \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \vee e_{2,3}$$

937.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

938.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

939.
$$t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{2,3} \vdash \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \vee e_{2,3}$$

940.
$$t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{2,3} \vdash \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \vee e_{2,3}$$

941.
$$t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{2,3} \vdash \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \vee e_{2,3}$$

942.
$$t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

943.
$$t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{2,3} \vdash \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \vee e_{2,3}$$

944.
$$t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

945.
$$t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{1,3} \vdash \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \vee e_{1,3}$$

946.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

947.
$$t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

948.
$$t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{1,3} \vdash \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \vee e_{1,3}$$

949.
$$t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$950. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

951.
$$t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

952.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

953.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

954.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

955.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

956.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

957.
$$t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{1,3} \vdash \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \vee e_{1,3}$$

958.
$$t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{1,3} \vdash \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \vee e_{1,3}$$

959.
$$t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{1,3} \vdash \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \vee e_{1,3}$$

960.
$$t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{1,3} \vdash \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \vee e_{1,3}$$

961.
$$t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

962.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

963.
$$t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{1,3} \vee e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \vee e_{1,3} \vee e_{1,2}$$

964.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

965.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

966.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

967.
$$t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{1,3} \vee e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \vee e_{1,3} \vee e_{1,2}$$

968.
$$t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{1,3} \vee e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \vee e_{1,3} \vee e_{1,2}$$

969.
$$t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{1,3} \vee e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \vee e_{1,3} \vee e_{1,2}$$

970.
$$t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{1,3} \vee e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \vee e_{1,3} \vee e_{1,2}$$

971.
$$t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{1,3} \vee e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \vee e_{1,3} \vee e_{1,2}$$

972.
$$t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{1,3} \vee e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \vee e_{1,3} \vee e_{1,2}$$

973.
$$t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{1,3} \vee e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \vee e_{1,3} \vee e_{1,2}$$

974.
$$t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{1,3} \vee e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \vee e_{1,3} \vee e_{1,2}$$

975.
$$t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{1,3} \vee e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \vee e_{1,3} \vee e_{1,2}$$

976.
$$t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

977.
$$t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

978.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

979.
$$t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

980.
$$t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

981.
$$t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{2,3} \vdash \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \vee e_{2,3}$$

982.
$$t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{2,3} \vdash \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \vee e_{2,3}$$

983.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

984.
$$t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{2,3} \vdash \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \vee e_{2,3}$$

985.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

986.
$$t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{1,3} \vdash \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \vee e_{1,3}$$

987.
$$t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{1,3} \vdash \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \vee e_{1,3}$$

988.
$$t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

989.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

990.
$$t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{1,3} \vee e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \vee e_{1,3} \vee e_{1,2}$$

991.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

992.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

993.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

994.
$$t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{2,3} \vee e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \vee e_{2,3} \vee e_{1,2}$$

995.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

996.
$$t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

997.
$$t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{2,3} \vdash \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \vee e_{2,3}$$

998.
$$t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

999.
$$t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \vee \neg t_{e_{1,3},\,e_{2,3}} \vee e_{2,3} \vdash \neg e_{1,2} \vee \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \vee e_{2,3}$$

$$1000. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$1001. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$1002. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$1003. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$1004. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$1005. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$1006. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$1007. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$1008. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$1009. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$1010. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$1011. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$1012. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$1013. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$1014. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

1015.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

$$1016. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$1017. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$1018. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$1019. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$1020. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$1021. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

1022.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$1023. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$1024. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$1025. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$1026. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$1027. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

1028.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$1029. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$1030. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$1031. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$1032. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$1033. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$1034. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$1035. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$1036. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$1037. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

1038.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$1039. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$1040. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

1041.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

1042.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$1043. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$1044. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

1045.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

1046.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$1047. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$1048. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$1049. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$1050. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$1051. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$1052. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$1053. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$1054. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$1055. \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$1056. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$1057. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$1058. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$1059. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$1060. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$1061. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$1062. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$1063. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$1064. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$1065. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$1066. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$1067. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$1068. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

1069.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

$$1070. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$1071. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$1072. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$1073. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$1074. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$1075. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$1076. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$1077. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$1078. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$1079. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$1080. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$1081. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$1082. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$1083. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$1084. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$1085. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$1086. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$1087. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$1088. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$1089. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$1090. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$1091. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$1092. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$1093. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$1094. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$1095. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$1096. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$1097. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$1098. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

1099.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

1100.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$1101. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$1102. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

1103.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

1104.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$1105. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

1106.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

1107.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

1108.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$1109. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$1110. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$1111. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$1112. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

1113.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

$$1114. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$1115. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$1116. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$1117. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$1118. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

1119.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$1120. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$1121. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

1122.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

1123.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$1124. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$1125. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$1126. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$1127. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$1128. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$1129. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$1130. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$1131. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$1132. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

1133.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

1134.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$1135. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

1136.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$1137. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$1138. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

1139.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

1140.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$1141. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$1142. \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

1143.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

$$1144. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$1145. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

1146.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

$$1147. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$1148. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

1149.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

1150.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$1151. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$1152. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

1153.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

1154.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

1155.
$$t_{e_{1,3},e_{2,3}}, \neg t_{e_{1,2},\neg e_{1,3}} \lor \neg t_{e_{1,3},e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$1156. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$1157. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$1158. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$1159. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$1160. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

1161.
$$t_{e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

$$1162. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$1163. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$1164. \ \ t_{e_{1,3},\,e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$1165. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$1166. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$1167. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$1168. \ \ t_{e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

1169.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{1,5}, \neg e_{1,6}} \lor t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5}, \neg e_{1,6}} \lor t_{e_{1,2}, e_{1,3}} \lor e_{2,4}$$

1170.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{1,5}, \neg e_{1,6}} \lor t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5}, \neg e_{1,6}} \lor t_{e_{1,2}, e_{1,3}} \lor e_{2,4}$$

$$1171. \ \ t_{e_{1,4}, \, e_{2,4}}, t_{e_{1,5}, \, \neg e_{1,6}} \lor t_{e_{1,2}, \, e_{1,3}} \lor \neg t_{e_{1,4}, \, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5}, \, \neg e_{1,6}} \lor t_{e_{1,2}, \, e_{1,3}} \lor e_{2,4}$$

1172.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{1,5}, \neg e_{1,6}} \lor t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5}, \neg e_{1,6}} \lor t_{e_{1,2}, e_{1,3}} \lor e_{2,4}$$

1173.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,5}, e_{1,6}} \lor e_{2,4}$$

$$1174. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1175. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1176. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

1177.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,5}, e_{1,6}} \lor e_{2,4}$$

$$1178. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

1179.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,5}, e_{1,6}} \lor e_{2,4}$$

$$1180.\ \ t_{e_{1,4},\,e_{2,4}},t_{e_{1,2},\,\neg e_{1,3}}\lor t_{e_{1,5},\,e_{1,6}}\lor \neg t_{e_{1,4},\,e_{2,4}}\lor e_{2,4}\vdash t_{e_{1,2},\,\neg e_{1,3}}\lor t_{e_{1,5},\,e_{1,6}}\lor e_{2,4}$$

$$1181. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4}$$

$$1182. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4}$$

$$1183. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4}$$

$$1184. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,5}} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e$$

1185.
$$t_{e_{1,4}, e_{2,4}}, t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,5}, e_{1,6}} \lor e_{2,4}$$

$$1186.\ \ t_{e_{1,4},\,e_{2,4}},t_{\neg e_{1,2},\,e_{1,3}}\lor t_{e_{1,5},\,e_{1,6}}\lor \neg t_{e_{1,4},\,e_{2,4}}\lor e_{2,4}\vdash t_{\neg e_{1,2},\,e_{1,3}}\lor t_{e_{1,5},\,e_{1,6}}\lor e_{2,4}$$

$$1187. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1188. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1189. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4}$$

$$1190. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4}$$

$$1191. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4}$$

$$1192. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor$$

$$1193. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$1194. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,4},\,e_$$

$$1195. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$1196. \ \ t_{e_{1,4}, \, e_{2,4}}, t_{e_{1,5}, \, \neg e_{1,6}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor \neg t_{e_{1,4}, \, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5}, \, \neg e_{1,6}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor e_{2,4}$$

$$1197. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \lor e_{$$

$$1198. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \lor e_{2,$$

$$1199. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$1200. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$1201. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1202. \ \ t_{e_{1,4}, \, e_{2,4}}, t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor \neg t_{e_{1,4}, \, e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor e_{1,4}$$

$$1203. \ \ t_{e_{1,4}, \, e_{2,4}}, t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor \neg t_{e_{1,4}, \, e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor e_{1,4}$$

$$1204. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1205. \ \ t_{e_{1,4}, \, e_{2,4}}, t_{e_{2,5}, \, e_{2,6}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{e_{1,4}, \, e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5}, \, e_{2,6}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor e_{1,4}$$

$$1206. \ \ t_{e_{1,4}, \, e_{2,4}}, t_{e_{2,5}, \, e_{2,6}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{e_{1,4}, \, e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5}, \, e_{2,6}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor e_{1,4}$$

$$1207. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1208. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor \lnot t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor e_{1,4}$$

1209.
$$t_{e_{1,4},e_{2,4}}, t_{\neg e_{2,5},e_{2,6}} \lor t_{\neg e_{1,2},e_{2,3}} \lor \neg t_{e_{1,4},e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},e_{2,3}}$$

$$1210. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$1211. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \lor e_$$

1212.
$$t_{e_{1,4}, e_{2,4}}, t_{\neg e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5}, e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$1213. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$1214. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$1215. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \lor e_$$

$$1216. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \lor e_$$

$$1217. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1218. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1219. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1220. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

1221.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{2,5}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,4}$$

$$1222. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1223. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1224. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1225. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1226. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1227. \ \ t_{e_{1,4}, \, e_{2,4}}, t_{e_{1,2}, \, e_{2,3}} \vee t_{\neg e_{2,5}, \, \neg e_{2,6}} \vee \neg t_{e_{1,4}, \, e_{2,4}} \vee e_{1,4} \vdash t_{e_{1,2}, \, e_{2,3}} \vee t_{\neg e_{2,5}, \, \neg e_{2,6}} \vee e_{1,4}$$

$$1228. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1229. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$1230. \ \ t_{e_{1,4}, \, e_{2,4}}, t_{e_{1,2}, \, e_{2,3}} \vee t_{e_{2,5}, \, e_{2,6}} \vee \neg t_{e_{1,4}, \, e_{2,4}} \vee e_{1,4} \vdash t_{e_{1,2}, \, e_{2,3}} \vee t_{e_{2,5}, \, e_{2,6}} \vee e_{1,4}$$

$$1231. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$1232. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$1233. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,5} \lor e_{2,4} \vdash e_{2,5} \lor e_{2,5} \lor$$

$$1234. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1235. \ \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

1236.
$$t_{e_{1,4},e_{2,4}}, e_{2,4} \lor t_{\neg e_{1,5},\neg e_{1,6}} \lor \neg t_{e_{1,4},e_{2,4}} \lor t_{e_{1,2},\neg e_{1,3}} \vdash e_{2,4} \lor t_{\neg e_{1,5},\neg e_{1,6}} \lor t_{e_{1,2},\neg e_{1,3}}$$

$$1237. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1238. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \lor e_{2,4$$

$$1239. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,4},\,\neg e_{1,4}} \lor e_{2,4} \lor e_{2,4} \vdash t_{\neg e_{1,4},\,\neg e_{1,4}} \lor e_{2,4} \vdash t_{\neg e_{1,4},\,\neg e_{1,4}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,$$

$$1240. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash e_{2,$$

$$1241. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1242. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1243. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$1244. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$1245. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1246. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1247. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1248.\ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$1249. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$1250. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1251. \ \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor \lnot t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\lnot e_{1,3}} \vdash e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor t_{e_{1,2},\,\lnot e_{1,3}}$$

$$1252. \ \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,\neg$$

$$1253. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1254. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4}$$

$$1255. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,$$

$$1256. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \lor e_{$$

$$1257. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1258. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor e_{1,4} \lor \lnot t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor e_{1,4}$$

$$1259. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$1260. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$1261. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1262. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

1263.
$$t_{e_{1,4},e_{2,4}}, t_{e_{1,2},e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\neg e_{2,6}} \lor \neg t_{e_{1,4},e_{2,4}} \vdash t_{e_{1,2},e_{2,3}} \lor t_{\neg e_{2,5},\neg e_{2,6}} \lor e_{1,4}$$

$$1264. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

1265.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{1,5}, \neg e_{1,6}} \lor t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5}, \neg e_{1,6}} \lor t_{e_{1,2}, e_{1,3}} \lor e_{2,4}$$

1266.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,5}, e_{1,6}} \lor e_{2,4}$$

$$1267. \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$1268. \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$1269. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1270. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \lor e_{$$

$$1271. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$1272. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$1273. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1274. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor e_{1,4} \lor \lnot t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor e_{1,4}$$

1275.
$$t_{e_{1,4}, e_{2,4}}, t_{\neg e_{2,5}, e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,4}, e_{2,4}} \vdash t_{\neg e_{2,5}, e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2}, e_{2,3}}$$

1276.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{2,5}, \neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,4}, e_{2,4}} \vdash t_{e_{2,5}, \neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$1277. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

1278.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{2,5}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4}, e_{2,4}} \vdash t_{e_{2,5}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,4}$$

$$1279. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1280. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$1281. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$1282. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\lnot e_{1,5},\,e_{1,6}} \lor \lnot t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\lnot e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1283. \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$1284. \ \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$1285. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1286. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,4},\,e_{2,4}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor$$

$$1287. \ \ t_{e_{1,4}, \, e_{2,4}}, t_{e_{1,5}, \, \neg e_{1,6}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor \neg t_{e_{1,4}, \, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5}, \, \neg e_{1,6}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor e_{2,4}$$

$$1288. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \lor e_{2,$$

$$1289.\ \ t_{e_{1,4},\,e_{2,4}},t_{\neg e_{1,2},\,\neg e_{2,3}}\lor e_{1,4}\lor t_{\neg e_{2,5},\,\neg e_{2,6}}\lor \neg t_{e_{1,4},\,e_{2,4}}\vdash t_{\neg e_{1,2},\,\neg e_{2,3}}\lor t_{\neg e_{2,5},\,\neg e_{2,6}}\lor e_{1,4}$$

$$1290. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1291. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$1292. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$1293. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,4},\,\neg e_{2,5}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \lor e_{1,4}$$

$$1294. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1295. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1296. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$1297. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$1298. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$1299. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$1300. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$1301. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1302. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\lnot e_{1,5},\,e_{1,6}} \lor \lnot t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\lnot e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1303. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1304. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1305. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1306. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

1307.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,5}, e_{1,6}} \lor e_{2,4}$$

$$1308. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \lor e_{$$

$$1309. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4}$$

$$1310. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,5}} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e$$

$$1311. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4}$$

$$1312. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4}$$

$$1313. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1314. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \lor e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor$$

$$1315. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1316. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

1317.
$$t_{e_{1,4},e_{2,4}}, t_{\neg e_{1,2},e_{1,3}} \lor t_{\neg e_{1,5},\neg e_{1,6}} \lor \neg t_{e_{1,4},e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},e_{1,3}} \lor t_{\neg e_{1,5},\neg e_{1,6}} \lor e_{2,4}$$

$$1318. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4}$$

1319.
$$t_{e_{1,4}, e_{2,4}}, t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,5}, \neg e_{1,6}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,4}$$

$$1320. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{$$

$$1321. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \lor e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor$$

$$1322. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \vdash e_{2,5} \vdash t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \vdash e_{2,5} \vdash$$

$$1323. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,\neg e_{1,3}}$$

$$1324. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,5} \vdash$$

1325.
$$t_{e_{1,4}, e_{2,4}}, t_{\neg e_{1,5}, e_{1,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5}, e_{1,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,4}$$

$$1326. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$1327. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \lor e_{$$

$$1328. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \lor e_{$$

$$1329. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1330. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1331. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

1332.
$$t_{e_{1,4}, e_{2,4}}, t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,4}$$

$$1333. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1334. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor \lnot t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor e_{1,4}$$

1335.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,4}$$

$$1336. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

1337.
$$t_{e_{1,4}, e_{2,4}}, t_{\neg e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5}, e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2}, e_{2,3}}$$

1338.
$$t_{e_{1,4}, e_{2,4}}, t_{\neg e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5}, e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2}, e_{2,3}}$$

1339.
$$t_{e_{1,4}, e_{2,4}}, t_{\neg e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5}, e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$1340. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

1341.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5}, \neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2}, e_{2,3}}$$

1342.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5}, \neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$1343. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$1344. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$1345. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1346. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1347. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1348. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1349. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1350. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1351. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1352. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1353. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1354. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1355. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1356. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1357. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$1358. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$1359. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$1360. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$1361. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$1362. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1363. \ \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$1364. \ \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$1365. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1366. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \lor e_{$$

$$1367. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash$$

$$1368. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \lor e_{$$

$$1369. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1370.\ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor e_{1,4} \lor \lnot t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor e_{1,4}$$

1371.
$$t_{e_{1,4},e_{2,4}}, t_{\neg e_{2,5},e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},e_{2,3}} \lor \neg t_{e_{1,4},e_{2,4}} \vdash t_{\neg e_{2,5},e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},e_{2,3}}$$

$$1372. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$1373. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1374. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1375. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1376. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$1377. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$1378. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

1379.
$$t_{e_{1,4}, e_{2,4}}, e_{2,4} \lor t_{e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{2,4} \lor t_{e_{1,5}, e_{1,6}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$1380. \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$1381. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4} \lor e$$

$$1382. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4}$$

$$1383. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,5} \vdash e_{2$$

$$1384. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \lor e_{$$

$$1385. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1386. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor e_{1,4} \lor \lnot t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor e_{1,4}$$

$$1387. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$1388. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$1389. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1390. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1391. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1392. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$1393.\ \ t_{e_{1,4},\,e_{2,4}},t_{e_{1,5},\,\neg e_{1,6}}\vee t_{e_{1,2},\,e_{1,3}}\vee \neg t_{e_{1,4},\,e_{2,4}}\vee e_{2,4}\vdash t_{e_{1,5},\,\neg e_{1,6}}\vee t_{e_{1,2},\,e_{1,3}}\vee e_{2,4}$$

$$1394. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1395. \ \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor \lnot t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\lnot e_{1,3}} \vdash e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor t_{e_{1,2},\,\lnot e_{1,3}}$$

$$1396. \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$1397. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1398. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4}$$

$$1399. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,5} \vdash e_{2,4} \vdash$$

$$1400. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \lor e_{$$

$$1401. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1402. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1403. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

1404.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{2,5}, \neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,4}, e_{2,4}} \vdash t_{e_{2,5}, \neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$1405. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

1406.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{2,5}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4}, e_{2,4}} \vdash t_{e_{2,5}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,4}$$

$$1407. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1408.\ \ t_{e_{1,4},\,e_{2,4}},t_{e_{1,2},\,e_{2,3}}\vee t_{e_{2,5},\,e_{2,6}}\vee e_{1,4}\vee \neg t_{e_{1,4},\,e_{2,4}}\vdash t_{e_{1,2},\,e_{2,3}}\vee t_{e_{2,5},\,e_{2,6}}\vee e_{1,4}$$

$$1409.\ \ t_{e_{1,4},\,e_{2,4}},t_{e_{1,5},\,\neg e_{1,6}}\lor t_{e_{1,2},\,e_{1,3}}\lor\neg t_{e_{1,4},\,e_{2,4}}\lor e_{2,4}\vdash t_{e_{1,5},\,\neg e_{1,6}}\lor t_{e_{1,2},\,e_{1,3}}\lor e_{2,4}$$

$$1410. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1411. \ \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$1412. \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

1413.
$$t_{e_{1,4}, e_{2,4}}, t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,5}, e_{1,6}} \lor e_{2,4}$$

$$1414. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4}$$

$$1415. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

1416.
$$t_{e_{1,4}, e_{2,4}}, t_{\neg e_{1,5}, e_{1,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5}, e_{1,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,4}$$

$$1417. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1418. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

1419.
$$t_{e_{1,4},e_{2,4}}, t_{\neg e_{2,5},e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},e_{2,3}} \lor \neg t_{e_{1,4},e_{2,4}} \vdash t_{\neg e_{2,5},e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},e_{2,3}}$$

1420.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{2,5}, \neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,4}, e_{2,4}} \vdash t_{e_{2,5}, \neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$1421. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1422. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1423. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1424. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

1425.
$$t_{e_{1,4},e_{2,4}}, t_{e_{1,5},\neg e_{1,6}} \lor t_{e_{1,2},e_{1,3}} \lor \neg t_{e_{1,4},e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\neg e_{1,6}} \lor t_{e_{1,2},e_{1,3}} \lor e_{2,4}$$

$$1426. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

1427.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{1,5}, \neg e_{1,6}} \lor t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5}, \neg e_{1,6}} \lor t_{e_{1,2}, e_{1,3}} \lor e_{2,4}$$

$$1428. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$1429. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1430. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1431. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1432. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1433. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1434. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1435. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1436. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1437. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4}$$

$$1438. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4}$$

$$1439. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4}$$

$$1440. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4}$$

$$1441. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1442. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

1443.
$$t_{e_{1,4}, e_{2,4}}, t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,5}, e_{1,6}} \lor e_{2,4}$$

$$1444. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1445. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4}$$

$$1446. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4}$$

$$1447. \ t_{e_{1,4}, \, e_{2,4}}, t_{\neg e_{1,2}, \, e_{1,3}} \lor t_{\neg e_{1,5}, \, \neg e_{1,6}} \lor \neg t_{e_{1,4}, \, e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2}, \, e_{1,3}} \lor t_{\neg e_{1,5}, \, \neg e_{1,6}} \lor e_{2,4}$$

$$1448. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \lor e_{$$

$$1449. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \vdash e_{2,5$$

$$1450.\ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$1451. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$1452. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,4},\,\neg e_{1,4}} \lor e_{2,4} \lor e_{2,4} \vdash t_{\neg e_{1,4},\,\neg e_{1,4}} \lor e_{2,4} \vdash t_{\neg e_{1,4},\,\neg e_{1,4}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,$$

$$1453. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \lor e_{$$

$$1454. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$1455. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \lor e_{$$

$$1456. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash e_{2,$$

$$1457. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1458. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1459. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1460. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1461. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1462. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1463. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor \lnot t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor e_{1,4}$$

$$1464. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor \lnot t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor e_{1,4}$$

$$1465. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$1466. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$1467. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$1468. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$1469. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$1470. \ \ t_{e_{1,4}, \, e_{2,4}}, t_{e_{2,5}, \, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor \neg t_{e_{1,4}, \, e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5}, \, \neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2}, \, e_{2,3}}$$

$$1471. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$1472. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$1473. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1474. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1475. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1476. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1477. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1478. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

1479.
$$t_{e_{1,4},e_{2,4}}, t_{e_{2,5},\neg e_{2,6}} \lor t_{e_{1,2},\neg e_{2,3}} \lor \neg t_{e_{1,4},e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\neg e_{2,6}} \lor t_{e_{1,2},\neg e_{2,3}} \lor e_{1,4}$$

$$1480.\ \ t_{e_{1,4},\,e_{2,4}},t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1481. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1482. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1483. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1484. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1485. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$1486. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$1487. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$1488. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$1489. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$1490.\ \ t_{e_{1,4},\,e_{2,4}},t_{e_{1,2},\,e_{1,3}}\vee t_{\neg e_{1,5},\,e_{1,6}}\vee \neg t_{e_{1,4},\,e_{2,4}}\vee e_{2,4}\vdash t_{e_{1,2},\,e_{1,3}}\vee t_{\neg e_{1,5},\,e_{1,6}}\vee e_{2,4}$$

1491.
$$t_{e_{1,4}, e_{2,4}}, e_{2,4} \lor t_{e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{2,4} \lor t_{e_{1,5}, e_{1,6}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$1492. \ \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{2,4}} \lor t_{e$$

$$1493. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1494. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4}$$

$$1495. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,4},\,\neg e_{1,4}} \lor e_{2,4} \lor e_{2,4} \vdash t_{\neg e_{1,4},\,\neg e_{1,4}} \lor e_{2,4} \vdash t_{\neg e_{1,4},\,\neg e_{1,4}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,$$

$$1496. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$1497. \ t_{e_{1,4}, e_{2,4}}, t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg t_{e_{1,4}, e_{2,4}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,4}$$

$$1498. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1499. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

1500.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{2,5}, \neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,4}, e_{2,4}} \vdash t_{e_{2,5}, \neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2}, e_{2,3}}$$

1501.
$$t_{e_{1,4}, e_{2,4}}, t_{\neg e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4}, e_{2,4}} \vdash t_{\neg e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,4}$$

$$1502. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

1503.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{1,2}, e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg t_{e_{1,4}, e_{2,4}} \vdash t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,4}$$

$$1504. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

1505.
$$t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$1506. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1507. \ \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$1508. \ \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{2,4}} \lor t_{e$$

1509.
$$t_{e_{1,4}, e_{2,4}}, t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,5}, e_{1,6}} \lor e_{2,4}$$

$$1510. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{$$

$$1511. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$1512. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$1513. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1514. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1515. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$1516. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$1517. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1518. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1519. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

1520.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{1,2}, e_{2,3}} \lor t_{e_{2,5}, e_{2,6}} \lor e_{1,4} \lor \neg t_{e_{1,4}, e_{2,4}} \vdash t_{e_{1,2}, e_{2,3}} \lor t_{e_{2,5}, e_{2,6}} \lor e_{1,4}$$

$$1521. \ \ t_{e_{1,4}, \, e_{2,4}}, t_{e_{1,5}, \, \neg e_{1,6}} \lor t_{e_{1,2}, \, e_{1,3}} \lor \neg t_{e_{1,4}, \, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5}, \, \neg e_{1,6}} \lor t_{e_{1,2}, \, e_{1,3}} \lor e_{2,4}$$

$$1522. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

1523.
$$t_{e_{1,4}, e_{2,4}}, e_{2,4} \lor t_{e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{2,4} \lor t_{e_{1,5}, e_{1,6}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$1524. \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$1525. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \lor e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor$$

$$1526. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{$$

$$1527. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$1528. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$1529. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

1530.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4}, e_{2,4}} \vdash t_{e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,4}$$

1531.
$$t_{e_{1,4}, e_{2,4}}, t_{\neg e_{2,5}, e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,4}, e_{2,4}} \vdash t_{\neg e_{2,5}, e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$1532. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$1533. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1534. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

1535.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{1,2}, e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg t_{e_{1,4}, e_{2,4}} \vdash t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,4}$$

1536.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{1,2}, e_{2,3}} \lor t_{e_{2,5}, e_{2,6}} \lor e_{1,4} \lor \neg t_{e_{1,4}, e_{2,4}} \vdash t_{e_{1,2}, e_{2,3}} \lor t_{e_{2,5}, e_{2,6}} \lor e_{1,4}$$

$$1537. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$1538. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

1539.
$$t_{e_{1,4}, e_{2,4}}, e_{2,4} \lor t_{e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{2,4} \lor t_{e_{1,5}, e_{1,6}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$1540. \ \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$1541. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1542. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4}$$

$$1543. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,5} \vdash e_{2,5} \lor e_{2,4} \vdash e_{2,5} \vdash e_{2,5} \vdash e_{2,5} \vdash e_{2,5} \lor e_{2,5} \lor e_{2,5} \vdash e_{2,5} \vdash e_{2,5} \vdash e_{2,5} \lor e_{2$$

$$1544. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \lor e_{$$

$$1545. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1546. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

1547.
$$t_{e_{1,4}, e_{2,4}}, t_{\neg e_{2,5}, e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,4}, e_{2,4}} \vdash t_{\neg e_{2,5}, e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2}, e_{2,3}}$$

1548.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{2,5}, \neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,4}, e_{2,4}} \vdash t_{e_{2,5}, \neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$1549. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1550. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1551. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1552. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$1553. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$1554. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

1555.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{1,5}, \neg e_{1,6}} \lor t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5}, \neg e_{1,6}} \lor t_{e_{1,2}, e_{1,3}} \lor e_{2,4}$$

$$1556. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

1557.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,5}, e_{1,6}} \lor e_{2,4}$$

$$1558. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1559. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1560. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1561. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

1562.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,5}, e_{1,6}} \lor e_{2,4}$$

1563.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,5}, e_{1,6}} \lor e_{2,4}$$

$$1564. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1565. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,4},\,\neg e_{1,5}} \lor e_{2,4} \vdash e_{2,4} \vdash$$

$$1566. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4}$$

$$1567. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,5}} \lor e_{2,4} \vdash e_{2,4$$

$$1568. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,5}} \lor e_{2,4} \vdash e_{2,4} \vdash$$

1569.
$$t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1570. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1571. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

1572.
$$t_{e_{1,4}, e_{2,4}}, t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,5}, e_{1,6}} \lor e_{2,4}$$

$$1573. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \lor e_{$$

$$1574. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4}$$

1575.
$$t_{e_{1,4}, e_{2,4}}, t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,5}, \neg e_{1,6}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,4}$$

$$1576. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4}$$

$$1577. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$1578. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$1579. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \lor e_{2,4} \vdash e_{2,4} \lor e_{2,4} \vdash e_{2,4} \lor e_{2$$

$$1580. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,5} \vdash$$

$$1581. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg$$

1582.
$$t_{e_{1,4}, e_{2,4}}, t_{\neg e_{1,5}, e_{1,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5}, e_{1,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,4}$$

$$1583. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash e_{2,4}$$

$$1584. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \lor e_{$$

$$1585. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1586.\ \ t_{e_{1,4},\,e_{2,4}},t_{\neg e_{1,2},\,\neg e_{2,3}}\lor t_{\neg e_{2,5},\,\neg e_{2,6}}\lor \neg t_{e_{1,4},\,e_{2,4}}\lor e_{1,4}\vdash t_{\neg e_{1,2},\,\neg e_{2,3}}\lor t_{\neg e_{2,5},\,\neg e_{2,6}}\lor e_{1,4}$$

$$1587. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1588. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1589. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1590. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor \lnot t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor e_{1,4}$$

$$1591. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1592. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1593. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$1594. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$1595. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$1596. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$1597. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$1598. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$1599. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$1600. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$1601. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1602. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1603. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1604. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1605. \ \ t_{e_{1,4}, \, e_{2,4}}, t_{e_{2,5}, \, \neg e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{e_{1,4}, \, e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5}, \, \neg e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor e_{1,4}$$

$$1606.\ \ t_{e_{1,4},\,e_{2,4}},t_{e_{2,5},\,\neg e_{2,6}}\vee t_{e_{1,2},\,\neg e_{2,3}}\vee \neg t_{e_{1,4},\,e_{2,4}}\vee e_{1,4}\vdash t_{e_{2,5},\,\neg e_{2,6}}\vee t_{e_{1,2},\,\neg e_{2,3}}\vee e_{1,4}$$

$$1607. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1608. \ \ t_{e_{1,4}, \, e_{2,4}}, t_{e_{2,5}, \, \neg e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{e_{1,4}, \, e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5}, \, \neg e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor e_{1,4}$$

$$1609. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1610. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1611. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1612. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1613. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

1614.
$$t_{e_{1,4},e_{2,4}}, t_{e_{1,2},e_{2,3}} \lor t_{e_{2,5},e_{2,6}} \lor \neg t_{e_{1,4},e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},e_{2,3}} \lor t_{e_{2,5},e_{2,6}} \lor e_{1,4}$$

$$1615. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

1616.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{1,2}, e_{2,3}} \lor t_{e_{2,5}, e_{2,6}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2}, e_{2,3}} \lor t_{e_{2,5}, e_{2,6}} \lor e_{1,4}$$

1617.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{1,5}, \neg e_{1,6}} \lor t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5}, \neg e_{1,6}} \lor t_{e_{1,2}, e_{1,3}} \lor e_{2,4}$$

$$1618. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \lor e$$

$$1619. \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$1620. \ \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$1621. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4} \lor e_{$$

$$1622. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4}$$

$$1623. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$1624. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_$$

$$1625. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1626. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1627. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$1628. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$1629. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1630. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1631. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1632. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$1633. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$1634. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1635. \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$1636. \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$1637. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1638. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2$$

$$1639. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$1640. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$1641. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1642. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

1643.
$$t_{e_{1,4}, e_{2,4}}, t_{\neg e_{2,5}, e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,4}, e_{2,4}} \vdash t_{\neg e_{2,5}, e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$1644. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$1645. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1646. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1647. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1648. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

1649.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{1,5}, \neg e_{1,6}} \lor t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5}, \neg e_{1,6}} \lor t_{e_{1,2}, e_{1,3}} \lor e_{2,4}$$

$$1650. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1651. \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$1652. \ \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$1653. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1654. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4}$$

$$1655. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$1656. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$1657. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1658. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1659. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$1660. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$1661. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

1662.
$$t_{e_{1,4},e_{2,4}}, t_{e_{2,5},\neg e_{2,6}} \lor t_{e_{1,2},\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},e_{2,4}} \vdash t_{e_{2,5},\neg e_{2,6}} \lor t_{e_{1,2},\neg e_{2,3}} \lor e_{1,4}$$

1663.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{1,2}, e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg t_{e_{1,4}, e_{2,4}} \vdash t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,4}$$

$$1664. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

1665.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{1,5}, \neg e_{1,6}} \lor t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5}, \neg e_{1,6}} \lor t_{e_{1,2}, e_{1,3}} \lor e_{2,4}$$

$$1666.\ \ t_{e_{1,4},\,e_{2,4}},t_{e_{1,2},\,e_{1,3}}\lor t_{\neg e_{1,5},\,e_{1,6}}\lor \neg t_{e_{1,4},\,e_{2,4}}\lor e_{2,4}\vdash t_{e_{1,2},\,e_{1,3}}\lor t_{\neg e_{1,5},\,e_{1,6}}\lor e_{2,4}$$

$$1667. \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$1668. \ \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$1669. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1670. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4}$$

$$1671. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \vdash e_{2,5} \vdash t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \vdash e_{2,5} \vdash$$

$$1672. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash e_$$

$$1673. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1674. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1675. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

1676.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{2,5}, \neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,4}, e_{2,4}} \vdash t_{e_{2,5}, \neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$1677. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1678. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1679. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

1680.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{1,2}, e_{2,3}} \lor t_{e_{2,5}, e_{2,6}} \lor e_{1,4} \lor \neg t_{e_{1,4}, e_{2,4}} \vdash t_{e_{1,2}, e_{2,3}} \lor t_{e_{2,5}, e_{2,6}} \lor e_{1,4}$$

$$1681. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$1682. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

1683.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{1,5}, \neg e_{1,6}} \lor t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5}, \neg e_{1,6}} \lor t_{e_{1,2}, e_{1,3}} \lor e_{2,4}$$

$$1684. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$1685. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1686. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1687. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1688. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1689. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

1690.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,5}, e_{1,6}} \lor e_{2,4}$$

$$1691. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1692. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1693. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4}$$

$$1694. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4}$$

$$1695. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,5}} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e$$

$$1696. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,5}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4}$$

$$1697. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1698. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1699. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1700. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1701. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4}$$

$$1702. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \lor e_{$$

$$1703.\ \ t_{e_{1,4},\,e_{2,4}},t_{\neg e_{1,2},\,e_{1,3}}\lor t_{\neg e_{1,5},\,\neg e_{1,6}}\lor \neg t_{e_{1,4},\,e_{2,4}}\lor e_{2,4}\vdash t_{\neg e_{1,2},\,e_{1,3}}\lor t_{\neg e_{1,5},\,\neg e_{1,6}}\lor e_{2,4}$$

$$1704. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4}$$

$$1705. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,5} \vdash t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \vdash e_{2,5} \vdash$$

$$1706. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$1707. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$1708. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash$$

$$1709. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \lor e_{$$

$$1710. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$1711. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \lor e_{2,$$

$$1712. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \lor e_{$$

$$1713. \ \ t_{e_{1,4}, \, e_{2,4}}, t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor \neg t_{e_{1,4}, \, e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor e_{1,4}$$

$$1714. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1715. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1716. \ \ t_{e_{1,4}, \, e_{2,4}}, t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor \neg t_{e_{1,4}, \, e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor e_{1,4}$$

$$1717. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor \lnot t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor e_{1,4}$$

$$1718. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1719. \ \ t_{e_{1,4}, \, e_{2,4}}, t_{e_{2,5}, \, e_{2,6}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{e_{1,4}, \, e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5}, \, e_{2,6}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor e_{1,4}$$

$$1720. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1721. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

1722.
$$t_{e_{1,4},e_{2,4}}, t_{\neg e_{2,5},e_{2,6}} \lor t_{\neg e_{1,2},e_{2,3}} \lor \neg t_{e_{1,4},e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},e_{2,3}}$$

$$1723. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \lor e_{1$$

$$1724. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$1725. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$1726. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$1727. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$1728. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \lor e_$$

$$1729. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1730. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1731. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1732. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1733. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1734. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1735. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1736. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1737. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1738. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1739. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1740. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1741. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$1742. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

1743.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{1,2}, e_{2,3}} \lor t_{e_{2,5}, e_{2,6}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2}, e_{2,3}} \lor t_{e_{2,5}, e_{2,6}} \lor e_{1,4}$$

1744.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{1,2}, e_{2,3}} \lor t_{e_{2,5}, e_{2,6}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2}, e_{2,3}} \lor t_{e_{2,5}, e_{2,6}} \lor e_{1,4}$$

$$1745. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$1746. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash e_{2$$

1747.
$$t_{e_{1,4}, e_{2,4}}, e_{2,4} \lor t_{e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{2,4} \lor t_{e_{1,5}, e_{1,6}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$1748.\ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$1749. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1750. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \lor e_{$$

1751.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{1,5}, \neg e_{1,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5}, \neg e_{1,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,4}$$

$$1752. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_$$

$$1753. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1754. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1755. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor \neg$$

$$1756. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

1757.
$$t_{e_{1,4}, e_{2,4}}, t_{\neg e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4}, e_{2,4}} \vdash t_{\neg e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,4}$$

$$1758. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1759. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1760. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

1761.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{1,5}, \neg e_{1,6}} \lor t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5}, \neg e_{1,6}} \lor t_{e_{1,2}, e_{1,3}} \lor e_{2,4}$$

$$1762. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

1763.
$$t_{e_{1,4}, e_{2,4}}, e_{2,4} \lor t_{e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{2,4} \lor t_{e_{1,5}, e_{1,6}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

1764.
$$t_{e_{1,4}, e_{2,4}}, e_{2,4} \lor t_{\neg e_{1,5}, \neg e_{1,6}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{2,4} \lor t_{\neg e_{1,5}, \neg e_{1,6}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$1765. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1766. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor$$

1767.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{1,5}, \neg e_{1,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5}, \neg e_{1,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,4}$$

$$1768. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_$$

$$1769. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

1770.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4}, e_{2,4}} \vdash t_{e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,4}$$

1771.
$$t_{e_{1,4}, e_{2,4}}, t_{\neg e_{2,5}, e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,4}, e_{2,4}} \vdash t_{\neg e_{2,5}, e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2}, e_{2,3}}$$

1772.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{2,5}, \neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,4}, e_{2,4}} \vdash t_{e_{2,5}, \neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2}, e_{2,3}}$$

1773.
$$t_{e_{1,4}, e_{2,4}}, t_{\neg e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4}, e_{2,4}} \vdash t_{\neg e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,4}$$

$$1774. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1775. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

1776.
$$t_{e_{1,4},e_{2,4}}, t_{e_{1,2},e_{2,3}} \lor t_{e_{2,5},e_{2,6}} \lor e_{1,4} \lor \neg t_{e_{1,4},e_{2,4}} \vdash t_{e_{1,2},e_{2,3}} \lor t_{e_{2,5},e_{2,6}} \lor e_{1,4}$$

$$1777. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

1778.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,5}, e_{1,6}} \lor e_{2,4}$$

$$1779. \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$1780. \ \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$1781. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1782. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4}$$

$$1783. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,5} \vdash$$

1784.
$$t_{e_{1,4}, e_{2,4}}, t_{\neg e_{1,5}, e_{1,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5}, e_{1,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,4}$$

$$1785. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

1786.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4}, e_{2,4}} \vdash t_{e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,4}$$

$$1787. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

1788.
$$t_{e_{1,4},e_{2,4}}, t_{e_{2,5},\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},e_{2,3}} \lor \neg t_{e_{1,4},e_{2,4}} \vdash t_{e_{2,5},\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},e_{2,3}}$$

$$1789. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1790.\ \ t_{e_{1,4},\,e_{2,4}},t_{e_{2,5},\,\neg e_{2,6}}\vee t_{e_{1,2},\,\neg e_{2,3}}\vee e_{1,4}\vee \neg t_{e_{1,4},\,e_{2,4}}\vdash t_{e_{2,5},\,\neg e_{2,6}}\vee t_{e_{1,2},\,\neg e_{2,3}}\vee e_{1,4}$$

1791.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{1,2}, e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg t_{e_{1,4}, e_{2,4}} \vdash t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,4}$$

$$1792. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

1793.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{1,5}, \neg e_{1,6}} \lor t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5}, \neg e_{1,6}} \lor t_{e_{1,2}, e_{1,3}} \lor e_{2,4}$$

1794.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,5}, e_{1,6}} \lor e_{2,4}$$

$$1795. \ \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$1796. \ \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$1797. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

1798.
$$t_{e_{1,4}, e_{2,4}}, t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,5}, \neg e_{1,6}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,4}$$

$$1799. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,4},\,\neg e_{1,4}} \lor e_{2,4} \lor e_{2,4} \vdash t_{\neg e_{1,4},\,\neg e_{1,4}} \lor e_{2,4} \vdash t_{\neg e_{1,4},\,\neg e_{1,4}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,$$

$$1800. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg$$

$$1801. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1802. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor e_{1,4} \lor \lnot t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor e_{1,4}$$

$$1803. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$1804. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$1805. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1806. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1807. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1808. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$1809. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$1810. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$1811. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$1812. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$1813. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\lnot e_{1,5},\,e_{1,6}} \lor \lnot t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\lnot e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1814. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1815. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\lnot e_{1,5},\,e_{1,6}} \lor \lnot t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\lnot e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1816. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1817. \ \ t_{e_{1,4}, \, e_{2,4}}, t_{e_{1,2}, \, \neg e_{1,3}} \lor t_{e_{1,5}, \, e_{1,6}} \lor \neg t_{e_{1,4}, \, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2}, \, \neg e_{1,3}} \lor t_{e_{1,5}, \, e_{1,6}} \lor e_{2,4}$$

$$1818. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1819. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1820. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1821. \ \ t_{e_{1,4}, \, e_{2,4}}, t_{e_{1,2}, \, \neg e_{1,3}} \lor t_{\neg e_{1,5}, \, \neg e_{1,6}} \lor \neg t_{e_{1,4}, \, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2}, \, \neg e_{1,3}} \lor t_{\neg e_{1,5}, \, \neg e_{1,6}} \lor e_{2,4}$$

$$1822. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4}$$

$$1823. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,4},\,\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,4},\,\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,4},\,\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash$$

$$1824. \ \ t_{e_{1,4}, \, e_{2,4}}, t_{e_{1,2}, \, \neg e_{1,3}} \lor t_{\neg e_{1,5}, \, \neg e_{1,6}} \lor \neg t_{e_{1,4}, \, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2}, \, \neg e_{1,3}} \lor t_{\neg e_{1,5}, \, \neg e_{1,6}} \lor e_{2,4}$$

1825.
$$t_{e_{1,4}, e_{2,4}}, t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,5}, e_{1,6}} \lor e_{2,4}$$

$$1826. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1827. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \lor e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor$$

$$1828. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1829. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4}$$

$$1830. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \lor e_{$$

$$1831. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \lor e_{$$

$$1832. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4}$$

$$1833. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,5} \vdash t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \vdash e_{2,5} \vdash$$

$$1834. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,4},\,\neg e_{1,4}} \lor e_{2,4} \lor e_{2,4} \vdash t_{\neg e_{1,4},\,\neg e_{1,4}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2$$

$$1835. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$1836. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,4},\,\neg e_{2,4}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor$$

$$1837. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$1838. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$1839. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$1840. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \lor e_{$$

$$1841. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1842. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1843. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1844. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1845. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1846. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1847. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1848. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1849. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$1850. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$1851. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \lor e_$$

1852.
$$t_{e_{1,4}, e_{2,4}}, t_{\neg e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5}, e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$1853. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$1854. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$1855. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$1856.\ \ t_{e_{1,4},\,e_{2,4}},t_{e_{2,5},\,\neg e_{2,6}}\lor t_{\neg e_{1,2},\,e_{2,3}}\lor \neg t_{e_{1,4},\,e_{2,4}}\lor e_{1,4}\vdash t_{e_{2,5},\,\neg e_{2,6}}\lor e_{1,4}\lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$1857. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1858. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1859. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1860. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1861. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1862. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1863. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1864. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1865. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1866. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1867. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1868. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1869. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$1870. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$1871. \ \ t_{e_{1,4}, \, e_{2,4}}, t_{e_{1,2}, \, e_{2,3}} \lor t_{e_{2,5}, \, e_{2,6}} \lor \neg t_{e_{1,4}, \, e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2}, \, e_{2,3}} \lor t_{e_{2,5}, \, e_{2,6}} \lor e_{1,4}$$

$$1872. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$1873. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash$$

1874.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,5}, e_{1,6}} \lor e_{2,4}$$

$$1875. \ \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor \lnot t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\lnot e_{1,3}} \vdash e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor t_{e_{1,2},\,\lnot e_{1,3}}$$

$$1876. \ \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$1877. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1878. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \lor e_{$$

$$1879. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$1880. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \lor e_{$$

$$1881. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1882. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1883.\ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$1884. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$1885. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1886. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1887. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1888. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$1889. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$1890. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash e_{2$$

$$1891. \ \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$1892. \ \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$1893. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1894. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor$$

$$1895. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,5} \vdash e_{2,5}$$

$$1896. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \lor e_{$$

$$1897. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1898. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1899. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$1900. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor \neg$$

1901.
$$t_{e_{1,4}, e_{2,4}}, t_{\neg e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4}, e_{2,4}} \vdash t_{\neg e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,4}$$

$$1902. \ \ t_{e_{1,4}, \, e_{2,4}}, t_{e_{2,5}, \, \neg e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4}, \, e_{2,4}} \vdash t_{e_{2,5}, \, \neg e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor e_{1,4}$$

$$1903. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1904. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$1905. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4}$$

$$1906. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1907. \ \ t_{e_{1,4}, \, e_{2,4}}, e_{2,4} \lor t_{e_{1,5}, \, e_{1,6}} \lor \lnot t_{e_{1,4}, \, e_{2,4}} \lor t_{e_{1,2}, \, \lnot e_{1,3}} \vdash e_{2,4} \lor t_{e_{1,5}, \, e_{1,6}} \lor t_{e_{1,2}, \, \lnot e_{1,3}}$$

$$1908. \ \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{\lnot e_{1,5},\,\lnot e_{1,6}} \lor \lnot t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\lnot e_{1,3}} \vdash e_{2,4} \lor t_{\lnot e_{1,5},\,\lnot e_{1,6}} \lor t_{e_{1,2},\,\lnot e_{1,3}}$$

1909.
$$t_{e_{1,4}, e_{2,4}}, t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,5}, e_{1,6}} \lor e_{2,4}$$

$$1910.\ \ t_{e_{1,4},\,e_{2,4}},t_{\neg e_{1,2},\,e_{1,3}}\lor t_{\neg e_{1,5},\,\neg e_{1,6}}\lor \neg t_{e_{1,4},\,e_{2,4}}\lor e_{2,4}\vdash t_{\neg e_{1,2},\,e_{1,3}}\lor t_{\neg e_{1,5},\,\neg e_{1,6}}\lor e_{2,4}$$

$$1911. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$1912. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$1913. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

1914.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4}, e_{2,4}} \vdash t_{e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,4}$$

$$1915. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$1916. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$1917. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1918. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1919. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1920. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$1921. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$1922. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash e_{2,4}$$

$$1923. \ \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor \lnot t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\lnot e_{1,3}} \vdash e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor t_{e_{1,2},\,\lnot e_{1,3}}$$

$$1924. \ \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,\neg$$

$$1925. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4} \lor e$$

$$1926. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{$$

$$1927. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2$$

$$1928. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \lor e_{$$

$$1929. \ \ t_{e_{1,4}, \, e_{2,4}}, t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor \neg t_{e_{1,4}, \, e_{2,4}} \vdash t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor e_{1,4}$$

$$1930. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor e_{1,4} \lor \lnot t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor e_{1,4}$$

$$1931. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$1932. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$1933. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1934. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1935. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

1936.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{1,2}, e_{2,3}} \lor t_{e_{2,5}, e_{2,6}} \lor e_{1,4} \lor \neg t_{e_{1,4}, e_{2,4}} \vdash t_{e_{1,2}, e_{2,3}} \lor t_{e_{2,5}, e_{2,6}} \lor e_{1,4}$$

$$1937. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$1938. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$1939. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$1940. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$1941. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1942. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1943. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1944. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1945. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1946. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash e_{$$

$$1947. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1948. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1949. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,5}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4}$$

$$1950. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4}$$

$$1951. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,5}} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e$$

$$1952. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,4},\,\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e$$

$$1953. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1954. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$1955. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4} \lor e$$

$$1956. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \lor e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor$$

$$1957. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \lor e_{$$

$$1958. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor$$

$$1959. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor$$

1960.
$$t_{e_{1,4}, e_{2,4}}, t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,5}, \neg e_{1,6}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,4}$$

$$1961. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,$$

$$1962. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,5} \vdash t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \vdash t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \vdash e_{$$

$$1963.\ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$1964. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$1965. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \lor e_{$$

$$1966. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \lor e_{$$

$$1967. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$1968. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \lor e_{$$

$$1969. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1970. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1971. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1972. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1973. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor \lnot t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor e_{1,4}$$

$$1974. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1975. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor \lnot t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor e_{1,4}$$

$$1976. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor \lnot t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor e_{1,4}$$

$$1977. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$1978. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$1979. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$1980. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$1981. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$1982. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$1983. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$1984. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$1985. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1986. \ \ t_{e_{1,4}, \, e_{2,4}}, t_{\neg e_{2,5}, \, e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{e_{1,4}, \, e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5}, \, e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor e_{1,4}$$

$$1987. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1988. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1989. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1990. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$1991. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

1992.
$$t_{e_{1,4},e_{2,4}}, t_{e_{2,5},\neg e_{2,6}} \lor t_{e_{1,2},\neg e_{2,3}} \lor \neg t_{e_{1,4},e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\neg e_{2,6}} \lor t_{e_{1,2},\neg e_{2,3}} \lor e_{1,4}$$

$$1993. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1994. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1995. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$1996. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

1997.
$$t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$1998. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$1999. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$2000. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$2001. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$2002. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \lor e_{$$

$$2003. \ \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor \lnot t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\lnot e_{1,3}} \vdash e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor t_{e_{1,2},\,\lnot e_{1,3}}$$

$$2004. \ \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$2005. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2006. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4$$

$$2007. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash$$

$$2008. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \lor e_{2,$$

$$2009. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2010. \ \ t_{e_{1,4}, \, e_{2,4}}, t_{e_{2,5}, \, e_{2,6}} \lor t_{\lnot e_{1,2}, \, \lnot e_{2,3}} \lor e_{1,4} \lor \lnot t_{e_{1,4}, \, e_{2,4}} \vdash t_{e_{2,5}, \, e_{2,6}} \lor t_{\lnot e_{1,2}, \, \lnot e_{2,3}} \lor e_{1,4}$$

$$2011. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor \neg$$

$$2012. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor \neg$$

$$2013. \ \ t_{e_{1,4}, \, e_{2,4}}, t_{\neg e_{2,5}, \, e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4}, \, e_{2,4}} \vdash t_{\neg e_{2,5}, \, e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor e_{1,4}$$

$$2014. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2015. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2016. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$2017. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$2018. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2019. \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$2020. \ \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$2021. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4} \lor e_{$$

$$2022. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \lor e_{$$

$$2023. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash$$

$$2024. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \lor e_{$$

$$2025. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2026. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor e_{1,4} \lor \lnot t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor e_{1,4}$$

$$2027. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2028. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor \neg$$

$$2029. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2030. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2031. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2032. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$2033. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash$$

$$2034. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \lor e$$

$$2035. \ \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor \lnot t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\lnot e_{1,3}} \vdash e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor t_{e_{1,2},\,\lnot e_{1,3}}$$

$$2036. \ \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$2037. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \lor e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor$$

$$2038. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_$$

$$2039. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash$$

$$2040. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash e_{2,4}$$

$$2041. \ \ t_{e_{1,4}, \, e_{2,4}}, t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor \neg t_{e_{1,4}, \, e_{2,4}} \vdash t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor e_{1,4}$$

$$2042. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor e_{1,4} \lor \lnot t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor e_{1,4}$$

$$2043. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2044. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2045. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2046. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2047. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2048. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$2049. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash$$

$$2050. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \lor e_{2$$

$$2051. \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$2052. \ \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{2,4}} \lor t_{e$$

$$2053. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2054. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor$$

$$2055. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{$$

$$2056. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{$$

$$2057. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2058. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor e_{1,4} \lor \lnot t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor e_{1,4}$$

$$2059. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor \neg t_{e_{1,4},\,e_{$$

$$2060. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2061. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2062. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2063. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2064. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$2065. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$2066. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_$$

$$2067. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$2068. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$2069. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2070. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash e_{2,4} \vdash$$

$$2071. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2072. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2073. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2074. \ \ t_{e_{1,4}, \, e_{2,4}}, t_{e_{1,2}, \, \neg e_{1,3}} \lor t_{e_{1,5}, \, e_{1,6}} \lor \neg t_{e_{1,4}, \, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2}, \, \neg e_{1,3}} \lor t_{e_{1,5}, \, e_{1,6}} \lor e_{2,4}$$

$$2075. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2076. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2077. \ \ t_{e_{1,4}, \, e_{2,4}}, t_{e_{1,2}, \, \neg e_{1,3}} \lor t_{\neg e_{1,5}, \, \neg e_{1,6}} \lor \neg t_{e_{1,4}, \, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2}, \, \neg e_{1,3}} \lor t_{\neg e_{1,5}, \, \neg e_{1,6}} \lor e_{2,4}$$

$$2078. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,4},\,\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{$$

$$2079. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,4},\,\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e$$

$$2080. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,4},\,\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e$$

$$2081. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2082. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2083. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2084. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2085. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor$$

$$2086. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor$$

$$2087. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{$$

$$2088. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{$$

$$2089. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$2090. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e$$

$$2091. \ \ t_{e_{1,4}, \, e_{2,4}}, t_{e_{1,5}, \, \neg e_{1,6}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor \neg t_{e_{1,4}, \, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5}, \, \neg e_{1,6}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor e_{2,4}$$

$$2092. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2$$

$$2093. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \lor e_{$$

$$2094. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash e_{2,4}$$

$$2095. \ \ t_{e_{1,4}, \, e_{2,4}}, t_{\neg e_{1,5}, \, e_{1,6}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor \neg t_{e_{1,4}, \, e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5}, \, e_{1,6}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor e_{2,4}$$

$$2096. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \lor e_{$$

$$2097. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2098. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2099.\ \ t_{e_{1,4},\,e_{2,4}},t_{\neg e_{1,2},\,\neg e_{2,3}}\lor t_{\neg e_{2,5},\,\neg e_{2,6}}\lor \neg t_{e_{1,4},\,e_{2,4}}\lor e_{1,4}\vdash t_{\neg e_{1,2},\,\neg e_{2,3}}\lor t_{\neg e_{2,5},\,\neg e_{2,6}}\lor e_{1,4}$$

$$2100. \ t_{e_{1,4},e_{2,4}}, t_{\neg e_{1,2},\neg e_{2,3}} \lor t_{\neg e_{2,5},\neg e_{2,6}} \lor \neg t_{e_{1,4},e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{1,2},\neg e_{2,3}} \lor t_{\neg e_{2,5},\neg e_{2,6}} \lor e_{1,4}$$

$$2101. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2102. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2103. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2104. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor \lnot t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor e_{1,4}$$

$$2105. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2106. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2107. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \lor e_{1$$

$$2108. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \lor e_{1$$

$$2109. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \lor e_$$

$$2110. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

2111.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5}, \neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$2112. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2113. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2114. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2115. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2116. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2117. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2118. \ \ t_{e_{1,4}, \, e_{2,4}}, t_{e_{2,5}, \, \neg e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{e_{1,4}, \, e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5}, \, \neg e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor e_{1,4}$$

$$2119. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2120. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2121. \ \ t_{e_{1,4}, \, e_{2,4}}, t_{e_{1,2}, \, e_{2,3}} \vee t_{\neg e_{2,5}, \, \neg e_{2,6}} \vee \neg t_{e_{1,4}, \, e_{2,4}} \vee e_{1,4} \vdash t_{e_{1,2}, \, e_{2,3}} \vee t_{\neg e_{2,5}, \, \neg e_{2,6}} \vee e_{1,4}$$

$$2122. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2123. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2124. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2125. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$2126. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$2127. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

2128.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{1,2}, e_{2,3}} \lor t_{e_{2,5}, e_{2,6}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2}, e_{2,3}} \lor t_{e_{2,5}, e_{2,6}} \lor e_{1,4}$$

2129.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{1,5}, \neg e_{1,6}} \lor t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5}, \neg e_{1,6}} \lor t_{e_{1,2}, e_{1,3}} \lor e_{2,4}$$

2130.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,5}, e_{1,6}} \lor e_{2,4}$$

$$2131. \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$2132. \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

2133.
$$t_{e_{1,4}, e_{2,4}}, t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,5}, e_{1,6}} \lor e_{2,4}$$

$$2134. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor$$

$$2135. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4$$

$$2136. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$2137. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2138. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor e_{1,4} \lor \lnot t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor e_{1,4}$$

2139.
$$t_{e_{1,4}, e_{2,4}}, t_{\neg e_{2,5}, e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,4}, e_{2,4}} \vdash t_{\neg e_{2,5}, e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$2140. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2141. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,4},\,\neg e_{2,5}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \lor$$

$$2142. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2143. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2144. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$2145. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$2146. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2147. \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$2148. \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$2149. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2150. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor$$

$$2151. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$2152. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \lor e_{$$

$$2153. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2154. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2155. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2156. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2157. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,4},\,\neg e_{2,5}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \lor$$

$$2158. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2159. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2160. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$2161. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$2162. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2163. \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$2164. \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$2165. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4} \lor e_{$$

$$2166. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4}$$

$$2167. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,4},\,\neg e_{1,4}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{$$

$$2168. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg$$

$$2169. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2170. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2171. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2172. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2173. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2174. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2175. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2176. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$2177. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$2178. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2179. \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$2180.\ \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$2181. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2182. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \lor e_{$$

$$2183. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e$$

$$2184. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash e_$$

$$2185. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2186. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2187. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor \neg t_$$

$$2188. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

2189.
$$t_{e_{1,4}, e_{2,4}}, t_{\neg e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4}, e_{2,4}} \vdash t_{\neg e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,4}$$

$$2190. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2191. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2192. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

2193.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{1,5}, \neg e_{1,6}} \lor t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5}, \neg e_{1,6}} \lor t_{e_{1,2}, e_{1,3}} \lor e_{2,4}$$

$$2194. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$2195. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$2196. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$2197. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2198. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

2199.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,5}, e_{1,6}} \lor e_{2,4}$$

$$2200. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2201. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

2202.
$$t_{e_{1,4},e_{2,4}}, t_{e_{1,2},\neg e_{1,3}} \lor t_{e_{1,5},e_{1,6}} \lor \neg t_{e_{1,4},e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\neg e_{1,3}} \lor t_{e_{1,5},e_{1,6}} \lor e_{2,4}$$

$$2203. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2204. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2205. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,5}} \lor e_{2,4} \vdash e_{2,4} \vdash$$

$$2206. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4}$$

$$2207. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4}$$

$$2208. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,4},\,\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e$$

$$2209. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2210. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2211. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4} \lor e_{$$

$$2212. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2213. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4}$$

$$2214. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4}$$

$$2215. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor$$

$$2216. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \lor e_{$$

$$2217. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$2218. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{$$

$$2219. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,5} \vdash e_{2,5}$$

$$2220. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$2221. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_$$

$$2222. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \lor e_{2,4}$$

$$2223. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$2224. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$2225. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2226. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2227. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2228. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2229. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2230. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2231. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor \lnot t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor e_{1,4}$$

$$2232. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2233. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \lor e_{1$$

$$2234. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2235. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \lor e_$$

$$2236. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \lor e_$$

$$2237. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \lor$$

$$2238. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \lor$$

$$2239. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2240. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2241. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2242. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2243. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2244. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2245. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2246. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2247. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2248. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2249. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2250. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2251. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2252. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2253. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$2254. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$2255. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$2256. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$2257. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,5} \vdash e_{2,4} \vdash e_{2,5} \vdash e_{2,$$

$$2258. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash e_{2,4}$$

$$2259. \ \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor \lnot t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\lnot e_{1,3}} \vdash e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor t_{e_{1,2},\,\lnot e_{1,3}}$$

$$2260. \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$2261. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2262. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \lor e_{$$

$$2263. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash$$

$$2264. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \lor e_{2,$$

$$2265. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2266. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2267. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor \neg t_$$

$$2268. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2269. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,4},\,\neg e_{2,5}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \lor e_{1,4}$$

$$2270. \ t_{e_{1,4}, e_{2,4}}, t_{e_{2,5}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4}, e_{2,4}} \vdash t_{e_{2,5}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,4}$$

$$2271. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2272. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$2273. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_$$

$$2274. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2275. \ \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$2276. \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$2277. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2278. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor$$

$$2279. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$2280. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$2281. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2282. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2283. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2284. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2285. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2286. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,4},\,\neg e_{2,4}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \lor$$

$$2287. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2288. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$2289. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \lor e_{$$

$$2290. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

2291.
$$t_{e_{1,4}, e_{2,4}}, e_{2,4} \lor t_{e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{2,4} \lor t_{e_{1,5}, e_{1,6}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2292. \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$2293. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2294. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4}$$

$$2295. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash$$

$$2296. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash e_{2,4}$$

$$2297. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2298. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2299. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2300. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor \neg t_{e_{1,4},\,e_{$$

$$2301. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2302. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2303. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

2304.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{1,2}, e_{2,3}} \lor t_{e_{2,5}, e_{2,6}} \lor e_{1,4} \lor \neg t_{e_{1,4}, e_{2,4}} \vdash t_{e_{1,2}, e_{2,3}} \lor t_{e_{2,5}, e_{2,6}} \lor e_{1,4}$$

$$2305. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$2306. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

2307.
$$t_{e_{1,4}, e_{2,4}}, e_{2,4} \lor t_{e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{2,4} \lor t_{e_{1,5}, e_{1,6}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2308. \ \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{2,4}} \lor t_{e$$

$$2309. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \lor e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor$$

$$2310. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4}$$

$$2311. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$2312. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash e_{2,4}$$

$$2313. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2314. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2315. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2316. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2317. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2318. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2319. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2320. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$2321. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$2322. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \lor e_{$$

$$2323. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$2324. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$2325. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2326. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2327. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2328. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2329. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2330. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2331. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \vdash e_{2,$$

$$2332. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2333. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \vdash e_{2,4}$$

$$2334. \ \ t_{e_{1,4}, \, e_{2,4}}, t_{e_{1,2}, \, \neg e_{1,3}} \lor t_{\neg e_{1,5}, \, \neg e_{1,6}} \lor \neg t_{e_{1,4}, \, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2}, \, \neg e_{1,3}} \lor t_{\neg e_{1,5}, \, \neg e_{1,6}} \lor e_{2,4}$$

$$2335. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash e_{2,4$$

$$2336. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,5}} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e$$

$$2337. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2338. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2339. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2340. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \lor e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor$$

$$2341. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4}$$

$$2342. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4}$$

$$2343. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \lor e_{2,4$$

$$2344. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \lor e_{$$

$$2345. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,5} \vdash$$

$$2346. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,5} \vdash e_{2,5} \lor e_{2,4} \vdash e_{2,5} \vdash e_{2,5} \vdash e_{2,5} \vdash e_{2,5} \lor e_{2,5} \lor e_{2,5} \vdash e_{2,5} \vdash e_{2,5} \lor e_{2$$

$$2347. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,5} \vdash t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \vdash e_$$

$$2348. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4$$

$$2349. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \lor e_{2,$$

$$2350. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \lor e_{$$

$$2351. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \lor e_{$$

$$2352. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$2353. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2354. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2355. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2356. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2357. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2358. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor \lnot t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor e_{1,4}$$

$$2359. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor \lnot t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor e_{1,4}$$

$$2360. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2361. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \lor e_{1,4}$$

$$2362. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \lor e_$$

$$2363. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \lor e_$$

$$2364. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \lor e_{1$$

$$2365. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \lor e_$$

$$2366. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2367. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2368. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2369. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

2370.
$$t_{e_{1,4}, e_{2,4}}, t_{\neg e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,4}$$

$$2371. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2372. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2373. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2374. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2375. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2376. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2377. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2378. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2379. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2380. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2381. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$2382. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$2383. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$2384. \ t_{e_{1,4}, e_{2,4}}, t_{e_{1,2}, e_{2,3}} \lor t_{e_{2,5}, e_{2,6}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2}, e_{2,3}} \lor t_{e_{2,5}, e_{2,6}} \lor e_{1,4}$$

2385.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{1,5}, \neg e_{1,6}} \lor t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5}, \neg e_{1,6}} \lor t_{e_{1,2}, e_{1,3}} \lor e_{2,4}$$

$$2386. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2387. \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$2388. \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$2389. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4} \lor e_{$$

$$2390. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{$$

$$2391. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$2392. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$2393. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2394. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2395. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor \neg$$

$$2396. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2397. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2398. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2399. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2400. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$2401. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$2402. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2403. \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$2404. \ \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{2,4}} \lor t_{e$$

2405.
$$t_{e_{1,4}, e_{2,4}}, t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,5}, e_{1,6}} \lor e_{2,4}$$

$$2406. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4}$$

$$2407. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,5} \vdash$$

$$2408. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg$$

$$2409. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2410. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2411. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2412. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2413. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2414. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2415. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2416. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$2417. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \lor e_{$$

$$2418. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2419. \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$2420. \ \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{2,4}} \lor t_{e$$

$$2421. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2422. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4}$$

$$2423. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$2424. \ t_{e_{1,4}, e_{2,4}}, t_{\neg e_{1,5}, e_{1,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5}, e_{1,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,4}$$

$$2425. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2426. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2427. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2428. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2429. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2430. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2431. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

2432.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{1,2}, e_{2,3}} \lor t_{e_{2,5}, e_{2,6}} \lor e_{1,4} \lor \neg t_{e_{1,4}, e_{2,4}} \vdash t_{e_{1,2}, e_{2,3}} \lor t_{e_{2,5}, e_{2,6}} \lor e_{1,4}$$

$$2433. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$2434. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2435. \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$2436. \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$2437. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2438. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4}$$

$$2439. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$2440. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{$$

$$2441. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2442. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2443. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor \neg t_$$

$$2444. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

2445.
$$t_{e_{1,4},e_{2,4}}, t_{\neg e_{2,5},e_{2,6}} \lor t_{e_{1,2},\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},e_{2,4}} \vdash t_{\neg e_{2,5},e_{2,6}} \lor t_{e_{1,2},\neg e_{2,3}} \lor e_{1,4}$$

$$2446. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2447. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2448. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$2449. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$2450.\ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$2451. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$2452. \ \ t_{e_{1,4}, \, e_{2,4}}, t_{e_{1,5}, \, \neg e_{1,6}} \lor t_{e_{1,2}, \, e_{1,3}} \lor \neg t_{e_{1,4}, \, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5}, \, \neg e_{1,6}} \lor t_{e_{1,2}, \, e_{1,3}} \lor e_{2,4}$$

$$2453. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2454. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \lor e$$

$$2455. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2456. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2457. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2458. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash e_{$$

$$2459. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4} \lor e_{$$

$$2460.\ \ t_{e_{1,4},\,e_{2,4}},t_{e_{1,2},\,\neg e_{1,3}}\lor t_{e_{1,5},\,e_{1,6}}\lor \neg t_{e_{1,4},\,e_{2,4}}\lor e_{2,4}\vdash t_{e_{1,2},\,\neg e_{1,3}}\lor t_{e_{1,5},\,e_{1,6}}\lor e_{2,4}$$

$$2461. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,5}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \lor e_{2,4}$$

$$2462. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,5}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4}$$

$$2463. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash e_{2,4$$

$$2464. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,5}} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e$$

$$2465. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2466. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2467. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2468. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2469. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4}$$

$$2470. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4}$$

$$2471. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4}$$

$$2472. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor$$

$$2473. \ \ t_{e_{1,4}, \, e_{2,4}}, t_{e_{1,5}, \, \neg e_{1,6}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor \neg t_{e_{1,4}, \, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5}, \, \neg e_{1,6}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor e_{2,4}$$

$$2474. \ t_{e_{1,4}, \, e_{2,4}}, t_{e_{1,5}, \, \neg e_{1,6}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor \neg t_{e_{1,4}, \, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5}, \, \neg e_{1,6}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor e_{2,4}$$

$$2475. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,4},\,\neg e_{1,4}} \lor e_{2,4} \lor e_{2,4} \vdash t_{\neg e_{1,4},\,\neg e_{1,4}} \lor e_{2,4} \lor e_$$

$$2476.\ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$2477. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$2478. \ t_{e_{1,4},e_{2,4}}, t_{\neg e_{1,5},e_{1,6}} \lor t_{\neg e_{1,2},\neg e_{1,3}} \lor \neg t_{e_{1,4},e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},e_{1,6}} \lor t_{\neg e_{1,2},\neg e_{1,3}} \lor e_{2,4}$$

$$2479. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,4} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \lor e_$$

$$2480. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \lor e_{$$

$$2481. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2482. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2483. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2484. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2485. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor \lnot t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor e_{1,4}$$

$$2486. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2487. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2488. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2489. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \lor e_{1$$

$$2490.\ \ t_{e_{1,4},\,e_{2,4}},t_{\neg e_{2,5},\,e_{2,6}}\lor t_{\neg e_{1,2},\,e_{2,3}}\lor \neg t_{e_{1,4},\,e_{2,4}}\lor e_{1,4}\vdash t_{\neg e_{2,5},\,e_{2,6}}\lor e_{1,4}\lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2491. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2492. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2493. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2494. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \lor e_$$

$$2495. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2496. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2497. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2498. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2499. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2500. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2501. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2502. \ \ t_{e_{1,4}, \, e_{2,4}}, t_{e_{2,5}, \, \neg e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{e_{1,4}, \, e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5}, \, \neg e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor e_{1,4}$$

$$2503. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2504. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2505. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{\lnot e_{2,5},\,\lnot e_{2,6}} \lor \lnot t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\lnot e_{2,5},\,\lnot e_{2,6}} \lor e_{1,4}$$

$$2506. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2507. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2508. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2509. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$2510. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$2511. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$2512. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$2513. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_$$

$$2514. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash e_{2,4}$$

$$2515. \ \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$2516. \ \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \lor e_$$

$$2517. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor$$

$$2518. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor$$

$$2519. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,5} \vdash e_{2,5} \vdash e_{2,5} \lor e_{$$

$$2520. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \lor e_{$$

$$2521. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2522. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2523. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2524. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor \neg$$

$$2525. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2526. \ \ t_{e_{1,4}, \, e_{2,4}}, t_{e_{2,5}, \, \neg e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4}, \, e_{2,4}} \vdash t_{e_{2,5}, \, \neg e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor e_{1,4}$$

$$2527. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2528. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$2529. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,5} \lor e_{2,4} \vdash e_{2,5} \lor e_{2,5} \lor$$

$$2530. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \lor e_{$$

$$2531. \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$2532. \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$2533. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \lor e_$$

$$2534. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4}$$

$$2535. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e$$

$$2536. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash e_{2,4}$$

$$2537. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2538. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2539. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor \neg$$

$$2540. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2541. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2542. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2543. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2544. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$2545. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash$$

$$2546. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

2547.
$$t_{e_{1,4}, e_{2,4}}, e_{2,4} \lor t_{e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{2,4} \lor t_{e_{1,5}, e_{1,6}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2548. \ \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{2,4}} \lor t_{e$$

$$2549. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2550. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4}$$

$$2551. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$2552. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash e_{2,4}$$

$$2553. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2554. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2555. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor \neg$$

$$2556. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2557. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2558. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2559. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2560. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$2561. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$2562. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \lor e$$

$$2563. \ \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$2564. \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{2,4}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor t_{e_{2,5},\,\neg e_{2,6}} \lor$$

$$2565. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4} \lor e$$

$$2566. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor$$

$$2567. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e$$

$$2568. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$2569. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2570. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor e_{1,4} \lor \lnot t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor e_{1,4}$$

$$2571. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor \neg$$

$$2572. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor \neg$$

$$2573. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,4},\,\neg e_{2,5}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \lor e_{1,4}$$

$$2574. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2575. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2576. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$2577. \ \ t_{e_{1,4},\, e_{2,4}}, t_{e_{1,5},\, \neg e_{1,6}} \lor t_{e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,4},\, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\, \neg e_{1,6}} \lor t_{e_{1,2},\, e_{1,3}} \lor e_{2,4}$$

$$2578. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,5},\,\neg$$

$$2579. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_$$

$$2580. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$2581. \ \ t_{e_{1,4}, \, e_{2,4}}, t_{e_{1,2}, \, e_{1,3}} \lor t_{\neg e_{1,5}, \, e_{1,6}} \lor \neg t_{e_{1,4}, \, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2}, \, e_{1,3}} \lor t_{\neg e_{1,5}, \, e_{1,6}} \lor e_{2,4}$$

$$2582. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2583. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \vdash e_{2,4} \lor e_{2,4} \vdash e_{2,4} \lor e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \lor e_{$$

$$2584. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2585. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2586. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2587. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash e_{2,4$$

$$2588. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2589. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,4},\,\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e$$

$$2590. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,5}} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e$$

$$2591. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,5}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \vdash e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \lor e_{2,4}$$

$$2592. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4}$$

$$2593. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2594. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2595. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2596. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2597. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_$$

$$2598. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \lor e_{$$

$$2599. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor$$

$$2600. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \lor e_{$$

$$2601. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash$$

$$2602. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash$$

$$2603. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,4},\,\neg e_{2,4}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor$$

$$2604. \ \ t_{e_{1,4}, \, e_{2,4}}, t_{e_{1,5}, \, \neg e_{1,6}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor \neg t_{e_{1,4}, \, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5}, \, \neg e_{1,6}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor e_{2,4}$$

$$2605. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \lor e_{$$

$$2606. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \lor e_{$$

$$2607. \ \ t_{e_{1,4}, \, e_{2,4}}, t_{\neg e_{1,5}, \, e_{1,6}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor \neg t_{e_{1,4}, \, e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5}, \, e_{1,6}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor e_{2,4} \lor e$$

$$2608. \ \ t_{e_{1,4}, \, e_{2,4}}, t_{\neg e_{1,5}, \, e_{1,6}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor \neg t_{e_{1,4}, \, e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5}, \, e_{1,6}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor e_{2,4}$$

$$2609. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2610. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2611. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2612. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

2613.
$$t_{e_{1,4},e_{2,4}}, t_{e_{2,5},e_{2,6}} \lor t_{\neg e_{1,2},\neg e_{2,3}} \lor \neg t_{e_{1,4},e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},e_{2,6}} \lor t_{\neg e_{1,2},\neg e_{2,3}} \lor e_{1,4}$$

$$2614. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2615. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2616. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2617. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2618. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \lor e_$$

$$2619. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \lor e_{1$$

$$2620. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \lor e_{1,4}$$

$$2621. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2622. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2623. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \lor e_{1$$

$$2624. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \lor e_{1$$

$$2625. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2626. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2627. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2628. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2629. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2630. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2631. \ \ t_{e_{1,4}, \, e_{2,4}}, t_{e_{2,5}, \, \neg e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{e_{1,4}, \, e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5}, \, \neg e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor e_{1,4}$$

$$2632. \ \ t_{e_{1,4}, \, e_{2,4}}, t_{e_{2,5}, \, \neg e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{e_{1,4}, \, e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5}, \, \neg e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor e_{1,4}$$

$$2633. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2634. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2635. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2636. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2637. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$2638. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$2639. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$2640. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$2641. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \lor e_{$$

$$2642. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4}$$

$$2643. \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$2644. \ \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{2,4}} \lor t_{e$$

$$2645. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4} \lor e_{$$

$$2646. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4}$$

$$2647. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4$$

$$2648. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \lor e_{$$

$$2649. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2650. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2651. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2652. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2653. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2654. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \lor$$

$$2655. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2656. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$2657. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$2658. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash e_{2,4} \vdash$$

$$2659. \ \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor \lnot t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\lnot e_{1,3}} \vdash e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor t_{e_{1,2},\,\lnot e_{1,3}}$$

$$2660. \ \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$2661. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \lor e_{2,4} \vdash e_{2,4} \lor e_{2,$$

$$2662. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4}$$

$$2663. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,5} \vdash e_{2,5}$$

$$2664. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash$$

$$2665. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2666. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor e_{1,4} \lor \lnot t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor e_{1,4}$$

$$2667. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor \neg t_$$

$$2668. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2669. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2670. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2671. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2672. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$2673. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$2674. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \vdash e_{2,4} \lor e_{2$$

$$2675. \ \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$2676. \ \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \lor e_{2,4}$$

$$2677. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4} \lor e_{$$

$$2678. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor$$

$$2679. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,4},\,e_$$

$$2680. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \lor e_{$$

$$2681. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2682. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor e_{1,4} \lor \lnot t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor e_{1,4}$$

$$2683. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2684. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2685. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,4},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,4},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \lor e_$$

$$2686. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2687. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2688. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$2689. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$2690. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2691. \ \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor \lnot t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\lnot e_{1,3}} \vdash e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor t_{e_{1,2},\,\lnot e_{1,3}}$$

$$2692. \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$2693. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2694. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \lor e_{2,4$$

$$2695. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e$$

$$2696. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \lor e_{$$

$$2697. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2698. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor e_{1,4} \lor \lnot t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor e_{1,4}$$

$$2699. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2700. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2701. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2702. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2703. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2704. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$2705. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$2706. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,5},\,\neg$$

$$2707. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$2708. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$2709. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2710. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

2711.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,5}, e_{1,6}} \lor e_{2,4}$$

$$2712. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2713. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2714. \ t_{e_{1,4}, e_{2,4}}, t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,5}, e_{1,6}} \lor e_{2,4}$$

$$2715. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

2716.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,5}, e_{1,6}} \lor e_{2,4}$$

$$2717. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,5}} \lor e_{2,4} \vdash e_{2,4}$$

$$2718. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,4},\,\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,4},\,\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,4},\,\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor$$

$$2719. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4}$$

$$2720. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4}$$

$$2721. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2722. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2723. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2724. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4} \lor e$$

$$2725. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor$$

$$2726. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \lor e_{$$

$$2727. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor$$

$$2728. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor$$

$$2729. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash$$

$$2730. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$2731. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,5} \vdash$$

$$2732. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_$$

$$2733. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash e_$$

$$2734. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \lor e_{$$

$$2735. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \lor e_{$$

$$2736. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \lor e_{$$

$$2737. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2738. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2739. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2740. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2741. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor \lnot t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor e_{1,4}$$

$$2742. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2743. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2744. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2745. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2746. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2747. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2748. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \lor e_{1$$

$$2749. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \lor$$

$$2750. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \lor e_{1,4}$$

$$2751. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2752. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \lor e_{1$$

$$2753. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2754. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2755. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2756. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2757. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2758. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2759. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2760.\ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2761. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2762. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2763. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2764. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2765. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$2766. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$2767. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$2768. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$2769. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_$$

$$2770.\ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2771. \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor \lnot t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\lnot e_{1,3}} \vdash e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor t_{e_{1,2},\,\lnot e_{1,3}}$$

$$2772. \ \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$2773. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2774. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4}$$

$$2775. \ t_{e_{1,4},e_{2,4}}, t_{e_{1,5},\neg e_{1,6}} \lor t_{\neg e_{1,2},\neg e_{1,3}} \lor \neg t_{e_{1,4},e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\neg e_{1,6}} \lor t_{\neg e_{1,2},\neg e_{1,3}} \lor e_{2,4}$$

$$2776. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_$$

$$2777. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2778. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2779. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor \neg t_$$

$$2780. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor \neg t_$$

$$2781. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2782. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2783. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2784. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$2785. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$2786. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash e_{2,4} \lor e_{2,4} \vdash e_{2,4$$

$$2787. \ \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor \lnot t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\lnot e_{1,3}} \vdash e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor t_{e_{1,2},\,\lnot e_{1,3}}$$

$$2788. \ \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{2,4}} \lor t_{e$$

$$2789. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2790. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4}$$

$$2791. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,5} \vdash$$

$$2792. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$2793. \ t_{e_{1,4}, e_{2,4}}, t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg t_{e_{1,4}, e_{2,4}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,4}$$

$$2794. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2795. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2796. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2797. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2798. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2799. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2800. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$2801. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$2802. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2803. \ \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$2804. \ \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{2,4}} \lor t_{e$$

$$2805. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4} \lor e_{$$

$$2806. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4}$$

$$2807. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \vdash e_{2,5$$

$$2808. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_$$

$$2809. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2810. \ t_{e_{1,4}, \, e_{2,4}}, t_{e_{2,5}, \, e_{2,6}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4}, \, e_{2,4}} \vdash t_{e_{2,5}, \, e_{2,6}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor e_{1,4}$$

$$2811. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor \neg t_$$

$$2812. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2813. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \lor e_{1$$

$$2814. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2815. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2816. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

2817.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{1,5}, \neg e_{1,6}} \lor t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5}, \neg e_{1,6}} \lor t_{e_{1,2}, e_{1,3}} \lor e_{2,4}$$

$$2818. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4}$$

$$2819. \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$2820. \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$2821. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \lor e_{2,4} \vdash e_{2,4}$$

$$2822. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor$$

$$2823. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,5} \vdash$$

$$2824. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \lor e_{2,$$

$$2825. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2826. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2827. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor \neg t_$$

$$2828. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2829. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2830. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2831. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2832. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$2833. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$2834. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$2835. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash$$

$$2836. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash$$

$$2837. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2838. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2839. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2840. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2841. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2842. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,4},\,\neg e_{1,4}} \lor e_{2,4} \vdash e_{2,4}$$

$$2843. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2844. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \lor e$$

$$2845. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,5}} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e$$

$$2846. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4}$$

$$2847. \ \ t_{e_{1,4}, \, e_{2,4}}, t_{e_{1,2}, \, \neg e_{1,3}} \lor t_{\neg e_{1,5}, \, \neg e_{1,6}} \lor \neg t_{e_{1,4}, \, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2}, \, \neg e_{1,3}} \lor t_{\neg e_{1,5}, \, \neg e_{1,6}} \lor e_{2,4}$$

$$2848. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash e_{2,4} \vdash$$

$$2849. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2850. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash e_{2,$$

$$2851. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4} \lor e$$

$$2852. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2853. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{$$

$$2854. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4}$$

$$2855. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4}$$

$$2856. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4}$$

$$2857. \ \ t_{e_{1,4}, \, e_{2,4}}, t_{e_{1,5}, \, \neg e_{1,6}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor \neg t_{e_{1,4}, \, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5}, \, \neg e_{1,6}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor e_{2,4}$$

$$2858. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,5} \vdash e$$

$$2859. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4}$$

$$2860. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2$$

$$2861. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$2862. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \lor e_{$$

$$2863. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \lor e_{$$

$$2864. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \lor e_{$$

$$2865. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2866. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2867. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2868. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2869. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor \lnot t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor e_{1,4}$$

$$2870. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2871. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor \lnot t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor e_{1,4}$$

$$2872. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor \lnot t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor e_{1,4}$$

$$2873. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2874. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2875. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \lor e_$$

$$2876. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2877. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2878. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \lor e_{1$$

$$2879. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2880. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2881. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2882. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2883. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2884. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2885. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2886. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \vdash e_{2,5} \lor e_{2,6} \lor e_{2,6}$$

$$2887. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2888. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2889. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2890. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2891. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2892. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2893. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$2894. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$2895. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$2896. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$2897. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,5} \vdash e_{2,4} \vdash e_{2,5} \vdash e_{2,$$

$$2898. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \lor e$$

$$2899. \ \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$2900. \ \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$2901. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \lor e_$$

$$2902. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_$$

$$2903. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash$$

$$2904. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \vdash e_{2,4}$$

$$2905. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2906. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2907. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2908. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2909. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2910. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2911. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2912. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$2913. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash$$

$$2914. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \lor e_{$$

$$2915. \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$2916. \ \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{2,4}} \lor t_{e$$

$$2917. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4} \lor e_{$$

$$2918. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor$$

$$2919. \ \ t_{e_{1,4}, \, e_{2,4}}, t_{e_{1,5}, \, \neg e_{1,6}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor \neg t_{e_{1,4}, \, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5}, \, \neg e_{1,6}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor e_{2,4}$$

$$2920. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_$$

$$2921. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2922. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor e_{1,4} \lor \lnot t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor e_{1,4}$$

$$2923. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor \neg t_{e_{1$$

$$2924. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2925. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2926. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2927. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2928. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$2929. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,5} \vdash e_{2,5}$$

$$2930. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,$$

$$2931. \ \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor \lnot t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\lnot e_{1,3}} \vdash e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor t_{e_{1,2},\,\lnot e_{1,3}}$$

$$2932. \ \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{2,4}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{2,5},\,\neg$$

$$2933. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4} \lor e_{$$

$$2934. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,5} \vdash e_{2,5} \lor e_{2,5} \lor e_{2,5} \lor e_{2,5} \lor e_{2,5} \vdash e_{2,5} \lor e_{2,5} \lor e_{2,5} \lor e_{2,5} \lor e_{2,5} \lor$$

$$2935. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$2936. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$2937. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2938. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor e_{1,4} \lor \lnot t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor e_{1,4}$$

$$2939. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor \neg$$

$$2940. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2941. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,4},\,\neg e_{2,5}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,4},\,\neg e_{2,5}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \lor e_{1,4}$$

$$2942. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2943. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2944. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$2945. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \lor e_{$$

$$2946. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \lor e_{$$

$$2947. \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$2948. \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \lor e_{2$$

$$2949. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2950. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4}$$

$$2951. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$2952. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$2953. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2954. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2955. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2956. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2957. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2958. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2959. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2960. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$2961. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,5} \lor e_{2,5} \lor$$

$$2962. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$2963. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$2964. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$2965. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2966. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2967. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \lor e_{$$

$$2968. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2969. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2970. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash e_{2$$

$$2971. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,4},\,\neg e_{1,4}} \lor e_{2,4} \vdash e_{2,4} \vdash$$

$$2972. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2973. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,4},\,\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e$$

$$2974. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,4},\,\neg e_{1,5}} \lor e_{2,4} \vdash t_{e_{1,4},\,\neg e_{1,5}} \lor e_{2,4} \vdash t_{e_{1,4},\,\neg e_{1,5}} \lor e_{2,4} \vdash e_{2,$$

$$2975. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,4},\,\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,4},\,\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,4},\,\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash$$

$$2976. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash e_{2,4} \vdash$$

$$2977. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2978. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2979. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash e_$$

$$2980. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$2981. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4}$$

$$2982. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4}$$

$$2983. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_$$

$$2984. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor$$

$$2985. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$2986. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,5} \vdash e_{2,4} \vdash e_{2,5} \vdash e$$

$$2987. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash$$

$$2988. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,5} \vdash t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \vdash t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \vdash e_{2,5}$$

2989.
$$t_{e_{1,4}, e_{2,4}}, t_{\neg e_{1,5}, e_{1,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5}, e_{1,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,4}$$
2990. $t_{e_{1,4}, e_{2,4}}, t_{\neg e_{1,5}, e_{1,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5}, e_{1,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,4}$
2991. $t_{e_{1,4}, e_{2,4}}, t_{\neg e_{1,5}, e_{1,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5}, e_{1,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,4}$
2992. $t_{e_{1,4}, e_{2,4}}, t_{\neg e_{1,5}, e_{1,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5}, e_{1,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,4}$

$$2993. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2994. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2995. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2996. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$2997. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor \lnot t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor e_{1,4}$$

$$2998. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$2999. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$3000. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor \lnot t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor e_{1,4}$$

$$3001. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$3002. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$3003. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$3004. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \lor e_$$

$$3005. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$3006. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$3007. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$3008. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$3009. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$3010. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$3011. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$3012. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$3013. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$3014. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$3015. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$3016. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$3017. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

3018.
$$t_{e_{1,4},e_{2,4}}, t_{e_{1,2},e_{2,3}} \lor t_{\neg e_{2,5},\neg e_{2,6}} \lor \neg t_{e_{1,4},e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},e_{2,3}} \lor t_{\neg e_{2,5},\neg e_{2,6}} \lor e_{1,4}$$

$$3019. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$3020. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

3021.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{1,2}, e_{2,3}} \lor t_{e_{2,5}, e_{2,6}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2}, e_{2,3}} \lor t_{e_{2,5}, e_{2,6}} \lor e_{1,4}$$

$$3022. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$3023. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$3024. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$3025. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$3026. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

3027.
$$t_{e_{1,4}, e_{2,4}}, e_{2,4} \lor t_{e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{2,4} \lor t_{e_{1,5}, e_{1,6}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$3028. \ \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$3029. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \lor e_$$

$$3030. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4}$$

$$3031. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$3032. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash e_{2,$$

$$3033. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$3034. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

3035.
$$t_{e_{1,4}, e_{2,4}}, t_{\neg e_{2,5}, e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,4}, e_{2,4}} \vdash t_{\neg e_{2,5}, e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$3036. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$3037. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$3038. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$3039. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$3040. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$3041. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$3042. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$3043.\ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$3044. \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

3045.
$$t_{e_{1,4},e_{2,4}}, t_{\neg e_{1,2},e_{1,3}} \lor t_{e_{1,5},e_{1,6}} \lor \neg t_{e_{1,4},e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},e_{1,3}} \lor t_{e_{1,5},e_{1,6}} \lor e_{2,4}$$

$$3046. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor$$

$$3047. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,5} \vdash e_{2,5$$

$$3048. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \lor e_{2,$$

$$3049. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$3050. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor e_{1,4} \lor \lnot t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor e_{1,4}$$

$$3051. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor \neg$$

$$3052. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$3053. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$3054. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$3055. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$3056. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$3057. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$3058. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash e_{2$$

$$3059. \ \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor \lnot t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\lnot e_{1,3}} \vdash e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor t_{e_{1,2},\,\lnot e_{1,3}}$$

$$3060. \ \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$3061. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$3062. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash e$$

$$3063. \ \ t_{e_{1,4}, \, e_{2,4}}, t_{e_{1,5}, \, \neg e_{1,6}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor \neg t_{e_{1,4}, \, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5}, \, \neg e_{1,6}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor e_{2,4}$$

$$3064. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \lor e_{$$

$$3065. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$3066. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$3067. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor \neg t_$$

$$3068. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$3069. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$3070. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$3071. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$3072. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$3073. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$3074. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$3075. \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$3076. \ \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{2,4}} \lor t_{e$$

$$3077. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4} \lor e_{$$

$$3078. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,$$

$$3079. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_$$

$$3080. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \lor e_{$$

$$3081. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$3082. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$3083. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$3084. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$3085. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$3086. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$3087. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$3088.\ \ t_{e_{1,4},\,e_{2,4}},t_{e_{1,2},\,e_{2,3}}\vee t_{e_{2,5},\,e_{2,6}}\vee e_{1,4}\vee \neg t_{e_{1,4},\,e_{2,4}}\vdash t_{e_{1,2},\,e_{2,3}}\vee t_{e_{2,5},\,e_{2,6}}\vee e_{1,4}\vee \neg t_{e_{1,4},\,e_{2,4}}\vdash t_{e_{1,2},\,e_{2,3}}\vee t_{e_{2,5},\,e_{2,6}}\vee e_{1,4}\vee \neg t_{e_{1,4},\,e_{2,4}}\vdash t_{e_{1,2},\,e_{2,3}}\vee t_{e_{2,5},\,e_{2,6}}\vee e_{1,4}\vee \neg t_{e_{1,4},\,e_{2,4}}\vdash t_{e_{1,4},\,e_{2,4}}\vee t_{e_{2,5},\,e_{2,6}}\vee e_{1,4}\vee \neg t_{e_{1,4},\,e_{2,4}}\vdash t_{e_{1,4},\,e_{2,4}}\vee t_{e_{2,5},\,e_{2,6}}\vee e_{1,4}\vee \neg t_{e_{1,4},\,e_{2,4}}\vdash t_{e_{1,4},\,e_{2,4}}\vee t_{e_{2,5},\,e_{2,6}}\vee e_{1,4}\vee \neg t_{e_{2,5},\,e_{2,6}}\vee e_{2,5}\vee e_{2,6}\vee e_$$

$$3089. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$3090. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$3091. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$3092. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$3093. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$3094. \ \ t_{e_{1,4}, \, e_{2,4}}, t_{e_{1,2}, \, e_{1,3}} \lor t_{\lnot e_{1,5}, \, e_{1,6}} \lor \lnot t_{e_{1,4}, \, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2}, \, e_{1,3}} \lor t_{\lnot e_{1,5}, \, e_{1,6}} \lor e_{2,4}$$

$$3095. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$3096.\ \ t_{e_{1,4},\,e_{2,4}},t_{e_{1,2},\,e_{1,3}}\lor t_{\neg e_{1,5},\,e_{1,6}}\lor \neg t_{e_{1,4},\,e_{2,4}}\lor e_{2,4}\vdash t_{e_{1,2},\,e_{1,3}}\lor t_{\neg e_{1,5},\,e_{1,6}}\lor e_{2,4}$$

$$3097. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$3098.\ \ t_{e_{1,4},\,e_{2,4}},t_{e_{1,2},\,\neg e_{1,3}}\vee t_{e_{1,5},\,e_{1,6}}\vee \neg t_{e_{1,4},\,e_{2,4}}\vee e_{2,4}\vdash t_{e_{1,2},\,\neg e_{1,3}}\vee t_{e_{1,5},\,e_{1,6}}\vee e_{2,4}$$

$$3099. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$3100.\ \ t_{e_{1,4},\,e_{2,4}},t_{e_{1,2},\,\neg e_{1,3}}\vee t_{e_{1,5},\,e_{1,6}}\vee \neg t_{e_{1,4},\,e_{2,4}}\vee e_{2,4}\vdash t_{e_{1,2},\,\neg e_{1,3}}\vee t_{e_{1,5},\,e_{1,6}}\vee e_{2,4}$$

$$3101. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,4},\,\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e$$

$$3102. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,4},\,\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e$$

$$3103. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,\neg e_{1,5}} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e$$

$$3104. \ t_{e_{1,4}, \, e_{2,4}}, t_{e_{1,2}, \, \neg e_{1,3}} \lor t_{\neg e_{1,5}, \, \neg e_{1,6}} \lor \neg t_{e_{1,4}, \, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2}, \, \neg e_{1,3}} \lor t_{\neg e_{1,5}, \, \neg e_{1,6}} \lor e_{2,4}$$

$$3105. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$3106. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$3107. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$3108. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$3109. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{$$

$$3110. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4}$$

$$3111. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{$$

$$3112. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_$$

$$3113. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$3114. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash$$

$$3115. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$3116. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$3117. \ \ t_{e_{1,4}, \, e_{2,4}}, t_{\neg e_{1,5}, \, e_{1,6}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor \neg t_{e_{1,4}, \, e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5}, \, e_{1,6}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor e_{2,4}$$

$$3118. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \lor e_{$$

$$3119. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$3120. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash e$$

$$3121. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$3122. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$3123. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$3124. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$3125. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor \lnot t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor e_{1,4}$$

$$3126. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor \lnot t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor e_{1,4}$$

$$3127. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor \lnot t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor e_{1,4}$$

$$3128. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor \lnot t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor e_{1,4}$$

$$3129. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \lor e_$$

$$3130. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

3131.
$$t_{e_{1,4}, e_{2,4}}, t_{\neg e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5}, e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$3132. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \lor e_$$

$$3133. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \lor e_$$

3134.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5}, \neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$3135. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \lor e_$$

$$3136. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$3137. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$3138. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$3139. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$3140. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$3141. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$3142. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$3143. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$3144. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$3145. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$3146. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$3147. \ \ t_{e_{1,4}, \, e_{2,4}}, t_{e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor \neg t_{e_{1,4}, \, e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor e_{1,4}$$

$$3148. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$3149. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$3150. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

3151.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{1,2}, e_{2,3}} \lor t_{e_{2,5}, e_{2,6}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2}, e_{2,3}} \lor t_{e_{2,5}, e_{2,6}} \lor e_{1,4}$$

$$3152. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

3153.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{1,5}, \neg e_{1,6}} \lor t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5}, \neg e_{1,6}} \lor t_{e_{1,2}, e_{1,3}} \lor e_{2,4}$$

$$3154. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$3155. \ \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$3156. \ \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$3157. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$3158. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4}$$

$$3159. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$3160. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash e_{2,4}$$

$$3161. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

3162.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4}, e_{2,4}} \vdash t_{e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,4}$$

3163.
$$t_{e_{1,4}, e_{2,4}}, t_{\neg e_{2,5}, e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,4}, e_{2,4}} \vdash t_{\neg e_{2,5}, e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$3164. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

3165.
$$t_{e_{1,4}, e_{2,4}}, t_{\neg e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4}, e_{2,4}} \vdash t_{\neg e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,4}$$

3166.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{2,5}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4}, e_{2,4}} \vdash t_{e_{2,5}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,4}$$

$$3167. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

3168.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{1,2}, e_{2,3}} \lor t_{e_{2,5}, e_{2,6}} \lor e_{1,4} \lor \neg t_{e_{1,4}, e_{2,4}} \vdash t_{e_{1,2}, e_{2,3}} \lor t_{e_{2,5}, e_{2,6}} \lor e_{1,4}$$

$$3169. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

3170.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,5}, e_{1,6}} \lor e_{2,4}$$

3171.
$$t_{e_{1,4}, e_{2,4}}, e_{2,4} \lor t_{e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{2,4} \lor t_{e_{1,5}, e_{1,6}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$3172. \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$3173. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$3174. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4}$$

$$3175. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$3176. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_$$

$$3177. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$3178. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

3179.
$$t_{e_{1,4}, e_{2,4}}, t_{\neg e_{2,5}, e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,4}, e_{2,4}} \vdash t_{\neg e_{2,5}, e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$3180. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$3181. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$3182. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$3183. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$3184. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$3185. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4}$$

$$3186. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash e_{2$$

$$3187. \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$3188. \ \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$3189. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4}$$

$$3190. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{$$

$$3191. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$3192. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \lor e_{$$

$$3193. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$3194. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$3195. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$3196. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor \neg$$

$$3197. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$3198. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$3199. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$3200. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$3201. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,4} \vdash e_{2,4}$$

$$3202. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{1,6}} \lor e_{2,4} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \vdash e_{2,4} \lor e_{2,4$$

$$3203. \ \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor \lnot t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\lnot e_{1,3}} \vdash e_{2,4} \lor t_{e_{1,5},\,e_{1,6}} \lor t_{e_{1,2},\,\lnot e_{1,3}}$$

$$3204. \ \ t_{e_{1,4},\,e_{2,4}}, e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,4} \lor t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$3205. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{1,6}} \lor e_{2,4} \lor e$$

$$3206.\ \ t_{e_{1,4},\,e_{2,4}},t_{\neg e_{1,2},\,e_{1,3}}\lor t_{\neg e_{1,5},\,\neg e_{1,6}}\lor \neg t_{e_{1,4},\,e_{2,4}}\lor e_{2,4}\vdash t_{\neg e_{1,2},\,e_{1,3}}\lor t_{\neg e_{1,5},\,\neg e_{1,6}}\lor e_{2,4}$$

$$3207. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4}$$

$$3208. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \lor e_{$$

$$3209. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$3210. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \lor e_{1$$

$$3211. \ \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$3212. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$3213. \ t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4}$$

$$3214. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,4},\,\neg e_{2,3}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \lor e_$$

$$3215. \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor e_{1,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,4}$$

$$3216. \ \ t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{1,4}$$

$$3217. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3218. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

3219.
$$t_{e_{1,5}, e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}}$$

$$3220. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3221. \ t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

3222.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3223. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

3224.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

3225.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3226. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3227. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

3228.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3229. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3230. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3231. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3232. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{$$

3233.
$$t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3234. \ t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3235. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3236. \ \ t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3237. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3238. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3239. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3240. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3241. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3242. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3243. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3244. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3245. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3246. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3247. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

3248.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3249. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3250. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3251. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3252. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3253. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3254. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3255. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

3256.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$3257. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$3258. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3259. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3260. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$3261. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3262. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3263. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3264. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3265. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3266. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3267. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3268. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$3269. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6} \lor \neg$$

$$3270. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3271. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3272. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3273. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3274. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3275. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3276. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3277. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3278. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$3279. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\, e_{2,5}} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6}$$

$$3280. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3281. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

3282.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3283. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3284. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3285. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3286. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{$$

$$3287. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3288. \ t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3289. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3290. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3291. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3292. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3293. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$3294. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3295. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3296. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$3297. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{$$

3298.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3299. \ \ t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3300. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3301. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3302. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

3303.
$$t_{e_{1,5}, e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}}$$

$$3304. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3305. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

3306.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$3307. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$3308. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3309. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

3310.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$3311. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3312. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\, e_{2,5}} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6}$$

3313.
$$t_{e_{1,5}, e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}}$$

3314.
$$t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3315. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3316. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{$$

3317.
$$t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3318. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3319. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

3320.
$$t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3321. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3322. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\, e_{2,5}} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6}$$

3323.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$3324. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

3325.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$3326. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3327. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3328. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\, e_{2,5}} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6}$$

$$3329. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

3330.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3331. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

3332.
$$t_{e_{1,5}, e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}}$$

3333.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3334. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3335. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t$$

3336.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

3337.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$3338. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

3339.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$3340. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3341. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\, e_{2,5}} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6}$$

$$3342. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3343. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3344. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$3345. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3346. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t$$

$$3347. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3348. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t$$

$$3349. \ \ t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3350. \ \ t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3351. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3352. \ \ t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3353. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3354. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3355. \ \ t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3356. \ \ t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3357. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3358. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t$$

$$3359. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{$$

$$3360. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3361. \ \ t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3362. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3363. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3364. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3365. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t$$

$$3366. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3367. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{$$

$$3368. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3369. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{$$

$$3370. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3371. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{$$

$$3372. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3373. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3374. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3375. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3376. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3377. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3378. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3379. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3380. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3381. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3382. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\, e_{2,5}} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6}$$

$$3383. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

3384.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$3385. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\,e_{2,5}} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6}$$

$$3386. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

3387.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$3388. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\,e_{2,5}} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6}$$

$$3389. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3390. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

3391.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$3392. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3393. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$3394. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3395. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$3396. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$3397. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3398. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3399. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3400. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3401. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3402. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3403. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3404. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3405. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3406. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3407. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3408. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3409. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t$$

$$3410. \ \ t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3411. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3412. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{$$

3413.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3414. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3415. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3416. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3417. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$3418. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3419. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3420. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg e_{2,6}$$

3421.
$$t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$3422. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3423. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3424. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$3425. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3426. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3427. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3428. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3429. \ t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3430. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3431. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3432. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3433. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3434. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3435. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\,e_{2,5}} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6}$$

$$3436. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

3437.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$3438. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3439. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3440. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

3441.
$$t_{e_{1,5}, e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}}$$

$$3442. \ t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3443. \ t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3444. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

3445.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3446. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t$$

$$3447. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

3448.
$$t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3449. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \vee \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \vee \neg t_{e_{1,5},\, e_{2,5}} \vee \neg e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \vee \neg e_{2,6}$$

$$3450. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3451. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\,e_{2,5}} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6}$$

$$3452. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3453. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$3454. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3455. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3456. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3457. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t$$

$$3458. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3459. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3460. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3461. \ t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3462. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3463. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t$$

$$3464. \ \ t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3465. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3466. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

3467.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$3468. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3469. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$3470. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3471. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

3472.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$3473. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3474. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3475. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{$$

$$3476. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3477. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3478. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3479. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3480. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3481. \ t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3482. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

3483.
$$t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3484. \ \ t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3485. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3486. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3487. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{$$

$$3488. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t$$

$$3489. \ \ t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3490. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

3491.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

3492.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3493. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{$$

$$3494. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3495. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3496. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3497. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3498. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

3499.
$$t_{e_{1,5}, e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}}$$

$$3500. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3501. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3502. \ t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3503. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3504. \ \ t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3505. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3506. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3507. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3508. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3509. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3510. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3511. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$3512. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\, e_{2,5}} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6}$$

$$3513. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3514. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3515. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3516. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$3517. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3518. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3519. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3520. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6} \lor \neg$$

$$3521. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3522. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\, e_{2,5}} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6}$$

$$3523. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3524. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3525. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3526. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3527. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg e_{2,6} \lor$$

$$3528. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6} \lor \neg$$

$$3529. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3530. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3531. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3532. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6} \lor \neg$$

$$3533. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3534. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3535. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$3536. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

3537.
$$t_{e_{1,5}, e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}}$$

$$3538. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3539. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3540. \ \ t_{e_{1,5},\, e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}}$$

3541.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3542. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3543. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3544. \ \ t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3545. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3546. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$3547. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3548. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$3549. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\, e_{2,5}} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6}$$

$$3550. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6} \lor \neg$$

$$3551. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3552. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$3553. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t$$

$$3554. \ t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3555. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3556. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{$$

$$3557. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3558. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t$$

$$3559. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3560. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3561. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3562. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\, e_{2,5}} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6}$$

$$3563. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$3564. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3565. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$3566. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3567. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

3568.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$3569. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3570. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3571. \ t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3572. \ t_{e_{1,5},\, e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}}$$

$$3573. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3574. \ t_{e_{1,5}, \, e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5}, \, e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}}$$

$$3575. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{$$

$$3576. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3577. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3578. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3579. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\, e_{2,5}} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6}$$

$$3580. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3581. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3582. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3583. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3584. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$3585. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3586. \ \ t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

3587.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3588. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3589. \ \ t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3590. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3591. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t$$

$$3592. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3593. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3594. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3595. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$3596. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3597. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3598. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3599. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3600. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3601. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3602. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3603. \ \ t_{e_{1,5}, \, e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5}, \, e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}}$$

$$3604. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3605. \ \ t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3606. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3607. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3608. \ \ t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3609. \ t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3610. \ t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

3611.
$$t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

3612.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3613. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3614. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3615. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3616. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t$$

$$3617. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3618. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3619. \ \ t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3620. \ t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3621. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t$$

$$3622. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3623. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{$$

$$3624. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3625. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3626. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3627. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3628. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t$$

$$3629. \ t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

3630.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3631. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3632. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3633. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3634. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3635. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3636. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3637. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3638. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\,e_{2,5}} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6}$$

$$3639. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\, e_{2,5}} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6}$$

$$3640. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\, e_{2,5}} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6}$$

$$3641. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\, e_{2,5}} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6}$$

$$3642. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\, e_{2,5}} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6}$$

$$3643. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\, e_{2,5}} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6}$$

$$3644. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$3645. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3646. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3647. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3648. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3649. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3650. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3651. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$3652. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\, e_{2,5}} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6}$$

$$3653. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3654. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3655. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3656. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3657. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3658. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3659. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3660. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

3661.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$3662. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3663. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\, e_{2,5}} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6}$$

$$3664. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3665. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3666. \ \ t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3667. \ t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3668. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3669. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3670. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3671. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3672. \ t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3673. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3674. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$3675. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\,e_{2,5}} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6}$$

$$3676. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3677. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$3678. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3679. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

3680.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

3681.
$$t_{e_{1,5}, e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}}$$

$$3682. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3683. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3684. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3685. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3686. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3687. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

3688.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3689. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3690. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\, e_{2,5}} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6}$$

3691.
$$t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$3692. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3693. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\,e_{2,5}} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6}$$

$$3694. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3695. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3696. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3697. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3698. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3699. \ \ t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3700. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t$$

$$3701. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3702. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3703. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3704. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3705. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6} \lor \neg$$

$$3706. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3707. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\, e_{2,5}} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6}$$

$$3708. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3709. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3710. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3711. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg e_{2,6} \lor$$

$$3712. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3713. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3714. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3715. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3716. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t$$

$$3717. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3718. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{$$

$$3719. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3720. \ t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3721. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3722. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\, e_{2,5}} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6}$$

$$3723. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3724. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3725. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\,e_{2,5}} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6}$$

$$3726. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3727. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e$$

$$3728. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\,e_{2,5}} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6}$$

$$3729. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t$$

$$3730. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3731. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3732. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3733. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

3734.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

3735.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3736. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3737. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

3738.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3739. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3740. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3741. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3742. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3743. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3744. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3745. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3746. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3747. \ t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3748. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3749. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3750. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3751. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3752. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3753. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t$$

$$3754. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t$$

$$3755. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3756. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3757. \ \ t_{e_{1,5}, \, e_{2,5}}, \neg t_{\neg e_{1,5}, \, e_{1,6}} \lor \neg t_{e_{1,5}, \, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, \, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3758. \ \ t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3759. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3760. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3761. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3762. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3763. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3764. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

3765.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$3766. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$3767. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\, e_{2,5}} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6}$$

$$3768. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

3769.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$3770.\ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\,e_{2,5}} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6}$$

$$3771. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$3772. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3773. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3774. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3775. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3776. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3777. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3778. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\,e_{2,5}} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6}$$

$$3779. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$3780.\ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$3781. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6} \lor \neg$$

$$3782. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3783. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3784. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3785. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3786. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3787. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3788. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3789. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$3790. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3791. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3792. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\, e_{2,5}} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6}$$

$$3793. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t$$

$$3794. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3795. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3796. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3797. \ \ t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3798. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3799. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3800. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3801. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3802. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\, e_{2,5}} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6}$$

$$3803. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$3804. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3805. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3806. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3807. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3808. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$3809. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3810. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

3811.
$$t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3812. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3813. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3814. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t$$

$$3815. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3816. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3817. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

3818.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$3819. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\, e_{2,5}} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6}$$

$$3820. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6} \lor \neg$$

$$3821. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3822. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6} \lor \neg$$

$$3823. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3824. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3825. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3826. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

3827.
$$t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3828. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3829. \ t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3830. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3831. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3832. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3833. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3834. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3835. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$3836. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3837. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$3838. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3839. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3840. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3841. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

3842.
$$t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

3843.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3844. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

3845.
$$t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3846. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3847. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3848. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3849. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

3850.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$3851. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\,e_{2,5}} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6}$$

$$3852. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3853. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3854. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3855. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3856. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3857. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3858. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3859. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3860. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

3861.
$$t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3862. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3863. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3864. \ t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

3865.
$$t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3866. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3867. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3868. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3869. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3870. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3871. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

3872.
$$t_{e_{1,5}, e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}}$$

$$3873. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3874. \ \ t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3875. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3876. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3877. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{$$

$$3878. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3879. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3880. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{$$

$$3881. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3882. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

3883.
$$t_{e_{1,5}, e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}}$$

3884.
$$t_{e_{1,5}, e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}}$$

$$3885. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3886. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

3887.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

3888.
$$t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3889. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3890. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3891. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3892. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3893. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3894. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$3895. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

3896.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

3897.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$3898. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

3899.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

3900.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$3901. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3902. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3903. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3904. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3905. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3906. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

3907.
$$t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$3908. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$3909. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3910. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3911. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3912. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3913. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3914. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3915. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3916. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3917. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$3918. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

3919.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$3920. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3921. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3922. \ t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

3923.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3924. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3925. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3926. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3927. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3928. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3929. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6} \lor \neg$$

$$3930. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

3931.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$3932. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3933. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\, e_{2,5}} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6}$$

$$3934. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3935. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3936. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$3937. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

3938.
$$t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

3939.
$$t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3940. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

3941.
$$t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3942. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3943. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t$$

$$3944. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3945. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6} \lor \neg$$

$$3946. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3947. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3948. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3949. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3950. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$3951. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3952. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3953. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3954. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3955. \ \ t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3956. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

3957.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3958. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3959. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3960. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

3961.
$$t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3962. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\, e_{2,5}} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6}$$

$$3963. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3964. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$3965. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3966. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3967. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3968. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$3969. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3970. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3971. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3972. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3973. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3974. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3975. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3976. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3977. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3978. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$3979. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3980. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3981. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\,e_{2,5}} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6}$$

$$3982. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$3983. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

3984.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$3985. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3986. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3987. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3988. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{$$

$$3989. \ \ t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3990. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3991. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

3992.
$$t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3993. \ \ t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3994. \ \ t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

3995.
$$t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3996. \ \ t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3997. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t$$

$$3998. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$3999. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t$$

$$4000. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

4001.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4002. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4003. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

4004.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4005. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4006. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{$$

$$4007. \ t_{e_{1,5}, e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}}$$

$$4008. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4009. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{$$

$$4010. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4011. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4012. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

4013.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4014. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4015. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4016. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4017. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4018. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4019. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4020. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4021. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\,e_{2,5}} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6}$$

$$4022. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4023. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$4024. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4025. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4026. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4027. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4028. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$4029. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4030. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4031. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4032. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4033. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4034. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\, e_{2,5}} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6}$$

$$4035. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4036. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4037. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4038. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4039. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4040. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4041. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4042. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4043. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$4044. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4045. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$4046. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4047. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$4048. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4049. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4050. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4051. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4052. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4053. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4054. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4055. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4056. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4057. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4058. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\,e_{2,5}} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6}$$

$$4059. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4060. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

4061.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$4062. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4063. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4064. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$4065. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4066. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4067. \ t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4068.\ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4069. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4070. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4071. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4072. \ t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4073. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4074. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$4075. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4076. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4077. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$4078. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4079. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4080. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4081. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4082. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4083. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4084. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4085. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

4086.
$$t_{e_{1,5}, e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}}$$

$$4087. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4088. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4089. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4090. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4091. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4092. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

4093.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$4094. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4095. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4096. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4097. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4098. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4099. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4100. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4101. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

4102.
$$t_{e_{1,5}, e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}}$$

$$4103. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

4104.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4105. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4106. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4107. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$4108. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4109. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4110. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4111. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

4112.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

4113.
$$t_{e_{1,5}, e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}}$$

$$4114. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4115. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4116. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4117. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

4118.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

4119.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

4120.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4121. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4122. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

4123.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

4124.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4125. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4126. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

4127.
$$t_{e_{1,5}, e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}}$$

$$4128. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4129. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

4130.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

4131.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4132. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4133. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4134. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4135. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

4136.
$$t_{e_{1,5}, e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}}$$

$$4137. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4138. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

4139.
$$t_{e_{1,5}, e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}}$$

$$4140. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4141. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4142. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

4143.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4144. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4145. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4146. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

4147.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$4148. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4149. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

4150.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$4151. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4152. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\, e_{2,5}} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6}$$

$$4153. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4154. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4155. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4156. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4157. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4158. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4159. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4160. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4161. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$4162. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4163. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

4164.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$4165. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4166. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4167. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4168. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

4169.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$4170.\ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4171. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4172. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

4173.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$4174. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

4175.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$4176. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\,e_{2,5}} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6}$$

4177.
$$t_{e_{1,5}, e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}}$$

4178.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4179. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4180. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{$$

4181.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4182. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4183. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

4184.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4185. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4186. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

4187.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$4188. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

4189.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$4190. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4191. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4192. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4193. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

4194.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4195. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4196. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

4197.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4198. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4199. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

4200.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4201. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4202. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4203. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4204. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4205. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4206. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4207. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4208. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4209. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4210. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

4211.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4212. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t$$

4213.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4214. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4215. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t$$

$$4216. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4217. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4218. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$4219. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$4220. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$4221. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4222. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4223. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4224. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\,e_{2,5}} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6}$$

$$4225. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t$$

$$4226. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4227. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4228. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{$$

4229.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4230. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4231. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{$$

$$4232. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4233. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4234. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\, e_{2,5}} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6}$$

$$4235. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4236. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4237. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4238. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4239. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4240. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$4241. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4242. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t$$

$$4243. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4244. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4245. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4246. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

4247.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

4248.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4249. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4250. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4251. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4252. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4253. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4254. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4255. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{$$

$$4256. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4257. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4258. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4259. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4260. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4261. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4262. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4263. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4264. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4265. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4266. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4267. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{$$

$$4268. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t$$

$$4269. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4270. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4271. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4272. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4273. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4274. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4275. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4276. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4277. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4278. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4279. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4280.\ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4281. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

4282.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$4283.\ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4284. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4285. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4286. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4287. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4288. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4289. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$4290. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$4291. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4292. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4293. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4294. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4295. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4296. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4297. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4298. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6} \lor \neg$$

$$4299. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4300. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4301. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

4302.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$4303. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4304. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4305. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{$$

$$4306. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4307. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4308. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

4309.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4310. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4311. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4312. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4313. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4314. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$4315. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4316. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4317. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

4318.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$4319. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4320. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$4321. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t$$

$$4322. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4323. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4324. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4325. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4326. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4327. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{$$

4328.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

4329.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$4330. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4331. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4332. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4333. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4334. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4335. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

4336.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$4337. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{$$

$$4338. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4339. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4340. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4341. \ t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4342. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4343. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4344. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4345. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4346. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4347. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$4348. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4349. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4350. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4351. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4352. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$4353. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t$$

$$4354. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4355. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4356. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4357. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4358. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4359. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{$$

$$4360. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4361. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4362. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

4363.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$4364. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4365. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4366. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4367. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4368. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$4369. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4370. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4371. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4372. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

4373.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4374. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4375. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4376. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4377. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4378. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4379. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4380. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4381. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{$$

$$4382. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{$$

$$4383. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4384. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{$$

$$4385. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4386. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4387. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4388. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4389. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{$$

$$4390. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4391. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4392. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4393. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{$$

$$4394. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4395. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4396. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t$$

4397.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4398. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4399. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

4400.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4401. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4402. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4403. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4404. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4405. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4406. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4407. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

4408.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$4409. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

4410.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$4411. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4412. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4413. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4414. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4415. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4416. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6} \lor \neg$$

4417.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$4418. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4419. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4420. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4421. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4422. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4423. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4424. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4425. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4426. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4427. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4428. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4429. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$4430. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\,e_{2,5}} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6}$$

$$4431. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4432. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$4433. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{$$

$$4434. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4435. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4436. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

4437.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4438. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{$$

$$4439. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

4440.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4441. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4442. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

4443.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$4444. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4445. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$4446. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4447. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4448. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\,e_{2,5}} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6}$$

$$4449. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4450. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4451. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4452. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{$$

$$4453. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4454. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4455. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{$$

$$4456. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4457. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4458. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4459. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$4460. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4461. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4462. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4463. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

4464.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$4465. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t$$

$$4466. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

4467.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4468. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4469.\ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4470. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{$$

$$4471. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4472. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4473. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4474. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4475. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\,e_{2,5}} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6}$$

$$4476. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4477. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\, e_{2,5}} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6}$$

$$4478. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4479. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4480.\ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

4481.
$$t_{e_{1,5}, e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}}$$

$$4482. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4483. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4484. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4485. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4486. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4487. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4488. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4489. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4490.\ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

4491.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$4492. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4493. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4494. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4495. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4496.\ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4497. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4498. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4499. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t$$

$$4500. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4501. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4502. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4503. \ t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4504. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4505. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4506. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4507. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4508. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4509. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4510. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t$$

$$4511. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4512. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4513. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4514. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4515. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4516. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4517. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4518. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4519. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4520. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4521. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4522. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{$$

$$4523. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t$$

$$4524. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t$$

4525.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4526. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4527. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4528. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4529. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4530. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4531. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4532. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4533. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$4534. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\, e_{2,5}} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6}$$

$$4535. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4536. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4537. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4538. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4539. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4540. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$4541. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6} \lor \neg$$

$$4542. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4543. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4544. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4545. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4546. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$4547. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$4548. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4549. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4550. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4551. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4552. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4553. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg e_{2,6} \lor$$

$$4554. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4555. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4556. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4557. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$4558. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4559. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4560. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$4561. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4562. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4563. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4564. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4565. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4566. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4567. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4568. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4569. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6} \lor \neg$$

$$4570. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\, e_{2,5}} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6}$$

$$4571. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4572. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4573. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4574. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4575. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4576. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4577. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

4578.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

4579.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4580. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t$$

$$4581. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4582. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{$$

$$4583. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4584. \ \ t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4585. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4586. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4587. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4588. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4589. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4590. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4591. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4592. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\, e_{2,5}} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6}$$

$$4593. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t$$

$$4594. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4595. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4596. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4597. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4598. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4599. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4600. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4601. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4602. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\, e_{2,5}} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6}$$

$$4603. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$4604. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4605. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4606. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4607. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg e_{2,6} \lor$$

$$4608. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4609. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t$$

4610.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4611. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4612. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

4613.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4614. \ \ t_{e_{1,5}, \, e_{2,5}}, \, \neg e_{1,6} \lor \neg t_{e_{1,5}, \, e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}}$$

$$4615. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

4616.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4617. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4618. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4619. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$4620. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4621. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4622. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e$$

$$4623. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4624. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$4625. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{$$

$$4626. \ t_{e_{1,5}, e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}}$$

$$4627. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{$$

$$4628. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4629. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4630. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

4631.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4632. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

4633.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4634. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4635. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4636. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4637. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4638. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{$$

$$4639. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4640. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4641. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4642. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

4643.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4644. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4645. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t$$

$$4646. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4647. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4648. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4649. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4650. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4651. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t$$

$$4652. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4653. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4654. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

4655.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4656. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4657. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4658. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4659. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4660. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4661. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4662. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\, e_{2,5}} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6}$$

$$4663. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4664. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4665. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$4666. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4667. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4668. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4669. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4670. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4671. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4672. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4673. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4674. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\, e_{2,5}} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6}$$

$$4675. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4676. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4677. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4678. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4679. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4680. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4681. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4682. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4683. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4684. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4685. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4686. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

4687.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$4688. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4689. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4690. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

4691.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4692. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4693. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4694. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4695. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4696. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4697. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4698. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4699. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$4700. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4701. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4702. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4703. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4704. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$4705. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t$$

$$4706. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

4707.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4708. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t$$

$$4709. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4710. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4711. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4712. \ t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4713. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

4714.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$4715. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4716. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4717. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4718. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4719. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4720. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\,e_{2,5}} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6}$$

$$4721. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4722. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4723. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4724. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4725. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4726. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4727. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{$$

$$4728. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4729. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4730. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$4731. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4732. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

4733.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$4734. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4735. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4736. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4737. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4738. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4739. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4740. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

4741.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4742. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t$$

$$4743. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4744. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4745. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4746. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$4747. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\, e_{2,5}} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6}$$

$$4748. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4749. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$4750. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4751. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4752. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4753. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t$$

$$4754. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4755. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4756. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4757. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4758. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4759. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4760. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

4761.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4762. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4763. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4764. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4765. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4766. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4767. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{$$

$$4768. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4769. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4770. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

4771.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4772. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4773. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4774. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4775. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4776. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4777. \ \ t_{e_{1,5}, \, e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5}, \, e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}}$$

$$4778. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4779. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4780. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t$$

$$4781. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4782. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4783. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4784. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4785. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4786. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4787. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4788. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4789. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4790. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

4791.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$4792. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4793. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\, e_{2,5}} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6}$$

$$4794. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

4795.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$4796. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4797. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4798. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4799. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4800.\ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4801. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4802. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4803. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4804. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4805. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4806. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4807. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4808. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4809. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4810. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4811. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4812. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4813. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$4814. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4815. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4816. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4817. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4818. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4819. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4820. \ \ t_{e_{1,5}, \, e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5}, \, e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}}$$

$$4821. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4822. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{$$

$$4823. \ \ t_{e_{1,5}, \, e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5}, \, e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}}$$

$$4824. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4825. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4826. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4827. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4828. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4829. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4830. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4831. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4832. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4833. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{$$

$$4834. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4835. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4836. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t$$

4837.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4838. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4839. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4840. \ \ t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4841. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

4842.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$4843. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4844. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4845. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4846. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4847. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4848. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4849. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4850. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4851. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4852. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{$$

$$4853. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4854. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4855. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4856. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4857. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4858. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4859. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4860. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4861. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4862. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4863. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6} \lor \neg$$

$$4864. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4865. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{$$

$$4866. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4867. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4868. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t$$

$$4869. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4870. \ t_{e_{1,5}, \, e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5}, \, e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}}$$

4871.
$$t_{e_{1,5}, e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}}$$

$$4872. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4873. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4874. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$4875. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4876. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4877. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$4878. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4879. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4880. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4881. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t$$

$$4882. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t$$

$$4883. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4884. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4885. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4886. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4887. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4888. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4889. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4890. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4891. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4892. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4893. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t$$

$$4894. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{$$

$$4895. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{$$

$$4896. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4897. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4898. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

4899.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4900. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4901. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4902. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{$$

4903.
$$t_{e_{1,5}, e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}}$$

$$4904. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4905. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4906. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,5}} \lor e_{2,5} \lor \neg t_{$$

4907.
$$t_{e_{1,5}, e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}}$$

$$4908. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{$$

$$4909. \ t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

4910.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4911. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4912. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4913. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4914. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4915. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4916. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6} \lor \neg$$

$$4917. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4918. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4919. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$4920. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4921. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4922. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

4923.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$4924. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4925. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4926. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4927. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4928. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4929. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

4930.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$4931. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4932. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$4933. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4934. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4935. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4936. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4937. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4938. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4939. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4940. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

4941.
$$t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4942. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4943. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4944. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4945. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4946. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4947. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4948. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

4949.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

4950.
$$t_{e_{1,5}, e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}}$$

$$4951. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t$$

$$4952. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4953. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4954. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4955. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4956. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4957. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4958. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4959. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4960.\ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4961. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4962. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4963. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4964. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4965. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4966. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4967. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4968. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4969. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4970. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4971. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\,e_{2,5}} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6}$$

$$4972. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4973. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$4974. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4975. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4976. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$4977. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4978. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4979. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4980. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4981. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4982. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4983. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{$$

4984.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4985. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4986. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

4987.
$$t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4988. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4989.\ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$4990. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4991. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$4992. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$4993. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4994. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4995. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4996. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4997. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4998. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4999.\ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$5000. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$