Домашнее задание по Математической логике №5

Приложение 2. Метод резолюций

Часть 8. 40001 - 45000

Иван Калинин, МФТИ ФПМИ Б05-120

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$$1. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$2. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\,e_{2,5}} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6}$$

$$3. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\,e_{2,5}} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6}$$

$$4. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$5. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$6. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$7. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$8. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\,e_{2,5}} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6}$$

$$9. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$10. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$11. \ t_{e_{1,5},\, e_{2,5}}, \neg e_{1,6} \vee \neg t_{e_{1,5},\, e_{2,5}} \vee e_{2,5} \vee \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \vdash \neg e_{1,6} \vee e_{2,5} \vee \neg t_{\neg e_{1,5},\, \neg e_{1,6}}$$

$$12. \ \ t_{e_{1,5},\, e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}}$$

$$13. \ t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$14. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$15. \ \ t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$16. \ \ t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$17. \ t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$18. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

19.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$20. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$21. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$22. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$23. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{\neg$$

$$24. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$25. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$26. \ \ t_{e_{1,5}, \, e_{2,5}}, \neg t_{\neg e_{1,5}, \, e_{1,6}} \lor \neg t_{e_{1,5}, \, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, \, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

27.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$28. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$29. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$30. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$31. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$32. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$33. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$34. \ \ t_{e_{1,5},\, e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}}$$

35.
$$t_{e_{1,5}, e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}}$$

36.
$$t_{e_{1,5}, e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}}$$

$$37. \ \ t_{e_{1,5}, \, e_{2,5}}, \neg t_{\neg e_{1,5}, \, e_{1,6}} \lor \neg t_{e_{1,5}, \, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, \, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

38.
$$t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

39.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$40. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$41. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$42. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$43. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$44. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$45. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

46.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$47. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$48. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$49. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$50. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$51. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$52. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\,e_{2,5}} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6}$$

$$53. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$54. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$55. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$56. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$57. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$58. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$59. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$60. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$61. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$62. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

63.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$64. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$65. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

66.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$67. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$68. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$69. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

70.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

71.
$$t_{e_{1,5},\,e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\,e_{2,5}} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6}$$

72.
$$t_{e_{1,5},\,e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\,e_{2,5}} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6}$$

73.
$$t_{e_{1,5}, e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}}$$

74.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

75.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$76. \ \ t_{e_{1,5},\, e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}}$$

77.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

78.
$$t_{e_{1,5}, e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}}$$

$$79. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$80.\ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$81. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$82. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\, e_{2,5}} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6}$$

83.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$84. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

85.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$86. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$87. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$88. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

89.
$$t_{e_{1,5}, e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}}$$

90.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

91.
$$t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$92. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

93.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$94. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$95. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$96. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

97.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6}$$

98.
$$t_{e_{1,5},\,e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\,e_{2,5}} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6}$$

99.
$$t_{e_{1,5},\,e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\,e_{2,5}} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6}$$

100.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$101. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\, e_{2,5}} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6}$$

$$102. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$103. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$104.\ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

105.
$$t_{e_{1,5}, e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}}$$

$$106. \ \ t_{e_{1,5}, \, e_{2,5}}, \neg t_{\neg e_{1,5}, \, e_{1,6}} \lor \neg t_{e_{1,5}, \, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, \, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$107. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$108.\ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$109.\ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

110.
$$t_{e_{1,5}, e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}}$$

$$111. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

112.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$113. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$114. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\, e_{2,5}} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6}$$

$$115. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\,e_{2,5}} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6}$$

$$116. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

117.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$118. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \vee \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \vee \neg t_{e_{1,5},\, e_{2,5}} \vee \neg e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \vee \neg e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \vee \neg e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \vee \neg e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \vee \neg e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \vee \neg e_{2,6} \vdash e_{1,5} \vee \neg e_{2,6} \vee \neg e_{2,6}$$

119.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6}$$

120.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$121. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$122. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

123.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

124.
$$t_{e_{1,5}, e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}}$$

$$125. \ \ t_{e_{1,5}, \, e_{2,5}}, \neg t_{\neg e_{1,5}, \, e_{1,6}} \lor \neg t_{e_{1,5}, \, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, \, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$126. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$127. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$128. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$129.\ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$130.\ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$131. \ \ t_{e_{1,5}, \, e_{2,5}}, e_{1,5} \lor \lnot t_{e_{1,5}, \, e_{2,5}} \lor \lnot t_{\lnot e_{2,5}, \, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \lnot t_{\lnot e_{2,5}, \, e_{2,6}} \lor e_{2,6}$$

$$132. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$133. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \lnot t_{e_{1,5},\, e_{2,5}} \lor \lnot t_{\lnot e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \lnot t_{\lnot e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$134. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$135.\ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$136. \ \ t_{e_{1,5}, \, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, \, e_{2,5}} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}} \lor e_{2,6}$$

137.
$$t_{e_{1,5}, e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}}$$

$$138. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

139.
$$t_{e_{1,5}, e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}}$$

$$140. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

141.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$142. \ t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

143.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

144.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$145.\ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$146. \ \ t_{e_{1,5}, \, e_{2,5}}, \neg t_{\neg e_{1,5}, \, e_{1,6}} \lor \neg t_{e_{1,5}, \, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, \, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

147.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$148. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$149. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor e_$$

150.
$$t_{e_{1,5}, e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}}$$

151.
$$t_{e_{1,5}, e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}}$$

152.
$$t_{e_{1,5}, e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}}$$

$$153. \ \ t_{e_{1,5}, \, e_{2,5}}, \neg t_{\neg e_{1,5}, \, e_{1,6}} \lor \neg t_{e_{1,5}, \, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, \, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

154.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$155. \ \ t_{e_{1,5}, \, e_{2,5}}, \neg t_{\neg e_{1,5}, \, e_{1,6}} \lor \neg t_{e_{1,5}, \, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, \, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

156.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$157. \ \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

158.
$$t_{e_{1,5}, e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}}$$

$$159. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$160. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$161.\ \ t_{e_{1,5},\ e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\ e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\ \neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\ \neg e_{1,6}}$$

$$162. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$163. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

164.
$$t_{e_{1,5}, e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}}$$

$$165. \ t_{e_{1,5}, \, e_{2,5}}, \neg t_{\neg e_{1,5}, \, e_{1,6}} \lor \neg t_{e_{1,5}, \, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, \, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

166.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$167. \ \ t_{e_{1,5}, \, e_{2,5}}, \neg t_{\neg e_{1,5}, \, e_{1,6}} \lor \neg t_{e_{1,5}, \, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, \, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$168. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$169. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

170.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6}$$

171.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$172. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$173.\ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\,e_{2,5}} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6}$$

174.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$175.\ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\,e_{2,5}} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6}$$

$$176. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\, e_{2,5}} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6}$$

$$177. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\, e_{2,5}} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6}$$

178.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$179. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\, e_{2,5}} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6}$$

$$180.\ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

181.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$182. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$183. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$184. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

185.
$$t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$186. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\, e_{2,5}} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6}$$

$$187. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$188. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$189. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$190. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

191.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$192. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$193. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$194. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$195. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$196. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

197.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

198.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$199.\ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\,e_{2,5}} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6}$$

200.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$201. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$202. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$203. \ t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$204. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$205. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$206. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$207. \ t_{e_{1,5}, \, e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5}, \, e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}}$$

$$208.\ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$209. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$210.\ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\,e_{2,5}} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6}$$

$$211. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\, e_{2,5}} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6}$$

$$212. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$213. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\, e_{2,5}} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6}$$

$$214. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$215. \ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$216.\ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$217. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{\neg$$

$$218. \ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$219. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$220. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$221. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$222. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$223. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$224. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

225.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$226. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\,e_{2,5}} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6}$$

$$227. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$228. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$229. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\, e_{2,5}} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6}$$

$$230. \ \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$231. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

232.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$233. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$234. \ t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$235. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$236. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$237. \ t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$238. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{\neg$$

$$239. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$240.\ \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$241. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$242. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\, e_{2,5}} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6}$$

$$243.\ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\,e_{2,5}} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6}$$

$$244. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$245. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\,e_{2,5}} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\,e_{2,6}} \vee e_{2,6}$$

$$246.\ \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e$$

$$247. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$248. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$249. \ t_{e_{1,5},\, e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}}$$

$$250. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$251. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

252.
$$t_{e_{1,5}, e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}}$$

$$253. \ \ t_{e_{1,5}, \, e_{2,5}}, \neg t_{\neg e_{1,5}, \, e_{1,6}} \lor \neg t_{e_{1,5}, \, e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5}, \, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$254. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$255. \ t_{e_{1,5},\,e_{2,5}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,5} \lor \neg t_{\neg$$

$$256. \ t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor e_{1,6} \lor e_{2,5}$$

$$257. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$258. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$259. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$260. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$261. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5},\, e_{2,5}} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\, e_{2,6}} \vee e_{2,6}$$

$$262. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$263. \ t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6}$$

$$264. \ t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$265. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$266. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$267. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$268.\ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$269.\ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$270. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$271. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$272. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$273.\ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$274.\ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$275. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$276. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$277. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$278. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$279. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$280.\ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$281. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \lnot t_{e_{1,6},\,e_{2,6}} \lor \lnot t_{e_{1,5},\,\lnot e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \lnot t_{e_{1,5},\,\lnot e_{1,6}} \lor e_{2,6}$$

282.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$283. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$284. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$285. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$286. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$287. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$288. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$289. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$290. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$291. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$292. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$293.\ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

294.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$295. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \lnot t_{e_{1,6},\,e_{2,6}} \lor \lnot t_{e_{1,5},\,\lnot e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \lnot t_{e_{1,5},\,\lnot e_{1,6}} \lor e_{2,6}$$

$$296.\ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$297. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$298. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

299.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$300.\ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

301.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

302.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$303. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$304. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

305.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$306. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$307. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$308.\ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

309.
$$t_{e_{1,6},e_{2,6}}, \neg t_{e_{1,6},e_{2,6}} \lor \neg t_{\neg e_{2,5},\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$310. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$311. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

312.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

313.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$314. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$315. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

316.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

317.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$318. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$319. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$320.\ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

321.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$322. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$323. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$324. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$325. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

326.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

327.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

328.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$329. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$330. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$331. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$332. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

333.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$334. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$335. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

336.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$337. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$338. \ t_{e_{1,6},\, e_{2,6}}, \neg t_{e_{1,6},\, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\, \neg e_{2,6}}$$

339.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

340.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

341.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

342.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

343.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

344.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$345. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$346.\ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$347.\ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$348. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$349.\ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$350. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

351.
$$t_{e_{1,6},e_{2,6}}, \neg t_{e_{1,6},e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\neg e_{1,6}} \lor e_{2,6}$$

$$352. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$353. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$354. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

355.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$356. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

357.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$358. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

359.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

360.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$361. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$362. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

363.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$364. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$365. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \lnot t_{e_{1,6},\,e_{2,6}} \lor \lnot t_{e_{1,5},\,\lnot e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \lnot t_{e_{1,5},\,\lnot e_{1,6}} \lor e_{2,6}$$

$$366. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

367.
$$t_{e_{1,6},e_{2,6}}, \neg t_{e_{1,6},e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\neg e_{1,6}} \lor e_{2,6}$$

$$368.\ \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$369. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$370.\ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

371.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$372. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$373.\ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$374. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

375.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$376. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$377. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$378.\ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$379. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$380. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

381.
$$t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

382.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$383. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

384.
$$t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

385.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

386.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

387.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$388. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$389.\ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

390.
$$t_{e_{1,6},e_{2,6}}, \neg t_{e_{1,6},e_{2,6}} \lor \neg t_{\neg e_{2,5},\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$391. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$392. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$393. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

394.
$$t_{e_{1,6}, e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$395. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$396.\ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

397.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$398. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$399.\ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$400.\ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$401. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

402.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$403.\ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$404.\ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

405.
$$t_{e_{1,6},e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},e_{2,6}} \lor \neg t_{\neg e_{1,5},\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\neg e_{1,6}} \lor e_{2,6}$$

$$406. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$407. \ t_{e_{1,6}, e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$408.\ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

409.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

410.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

411.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$412. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

413.
$$t_{e_{1,6}, e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

414.
$$t_{e_{1,6}, e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$415. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

416.
$$t_{e_{1,6}, e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

417.
$$t_{e_{1,6}, e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$418.\ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$419.\ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$420. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

421.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$422. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$423.\ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

424.
$$t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

425.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$426. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$427. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$428. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

429.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

430.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$431.\ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

432.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

433.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$434.\ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$435. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

436.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$437. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$438. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

439.
$$t_{e_{1,6},e_{2,6}}, \neg t_{e_{1,6},e_{2,6}} \lor \neg t_{\neg e_{2,5},\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$440.\ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

441.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$442. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

443.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

444.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$445. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$446.\ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$447. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

448.
$$t_{e_{1,6},e_{2,6}}, \neg t_{e_{1,6},e_{2,6}} \lor \neg t_{\neg e_{2,5},\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

449.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

450.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

451.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$452. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

453.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

454.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

455.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

456.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$457. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$458.\ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$459.\ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$460. \ t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

461.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$462. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

463.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

464.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$465. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$466. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

467.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

468.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$469. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$470.\ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

471.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$472. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$473. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$474. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

475.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$476. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

477.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$478.\ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

479.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$480.\ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$481. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

482.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

483.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

484.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

485.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

486.
$$t_{e_{1,6},e_{2,6}}, \neg t_{e_{1,6},e_{2,6}} \lor \neg t_{\neg e_{2,5},\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$487. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

488.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$489.\ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

490.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

491.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$492. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

493.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$494. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

495.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$496.\ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$497. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

498.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$499. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$500. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$501. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$502. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$503. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$504. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$505.\ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$506. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$507. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$508.\ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$509.\ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$510. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$511. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$512. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

513.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$514. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

515.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$516. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$517. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$518. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$519. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$520. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$521. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$522. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$523.\ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$524. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$525. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$526. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$527.\ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$528. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

529.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$530. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$531. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$532. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$533. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$534. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$535. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$536. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$537. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$538.\ \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$539.\ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$540.\ \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$541. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$542. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$543.\ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$544. \ t_{e_{1,6}, \, e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6}, \, e_{2,6}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \lor e_{2,6}$$

$$545. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$546. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$547. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$548. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$549. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$550. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$551. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$552. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$553. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$554. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$555. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

556.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$557. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

558.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

559.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$560. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$561. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$562. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

563.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

564.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$565. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$566. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

567.
$$t_{e_{1,6},e_{2,6}}, \neg t_{e_{1,6},e_{2,6}} \lor \neg t_{\neg e_{2,5},\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$568. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$569. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$570. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

571.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$572. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$573. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

574.
$$t_{e_{1,6},e_{2,6}}, \neg t_{e_{1,6},e_{2,6}} \lor \neg t_{\neg e_{2,5},\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$575. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

576.
$$t_{e_{1,6},e_{2,6}}, \neg t_{e_{1,6},e_{2,6}} \lor \neg t_{\neg e_{2,5},\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$577. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$578. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$579. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$580. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$581. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$582. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

583.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$584. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$585. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

586.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$587. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$588.\ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$589.\ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$590. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$591. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$592. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$593.\ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

594.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$595. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$596. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$597. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$598. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$599. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$600.\ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$601. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

602.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

603.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$604. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$605.\ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$606. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$607. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$608.\ \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$609. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

610.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$611. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$612. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

613.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

614.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$615. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$616.\ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$617. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

618.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$619. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$620. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

621.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$622. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$623. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$624.\ \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$625. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

626.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$627. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$628. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

629.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

630.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

631.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

632.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

633.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$634. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$635. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$636. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

637.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

638.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$639. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

640.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

641.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$642. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$643.\ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$644. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

645.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$646. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$647. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

648.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$649.\ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$650. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$651. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$652. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

653.
$$t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$654. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$655. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

656.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

657.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$658. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

659.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

660.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$661. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$662. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$663. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

664.
$$t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$665. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$666.\ \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

667.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$668. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$669.\ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$670. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$671. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

672.
$$t_{e_{1,6}, e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$673. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash \neg e_{1,5} \vee \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$674.\ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

675.
$$t_{e_{1,6}, e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$676. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$677.\ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$678.\ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

679.
$$t_{e_{1,6},\,e_{2,6}},\,e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

680.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$681. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$682. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$683. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

684.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$685. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

686.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

687.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$688. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$689. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

690.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

691.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

692.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

693.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

694.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

695.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

696.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$697.\ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

698.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$699.\ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

700.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

701.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

702.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

703.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

704.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

705.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

706.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

707.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

708.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

709.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

710.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

711.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

712.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

713.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

714.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

715.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

716.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

717.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

718.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

719.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

720.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

721.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

722.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

723.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

724.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

725.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

726.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

727.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

728.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

729.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

730.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \lnot t_{e_{1,6}, e_{2,6}} \lor \lnot t_{e_{1,5}, \lnot e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \lnot t_{e_{1,5}, \lnot e_{1,6}} \lor e_{2,6}$$

731.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

732.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

733.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

734.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

735.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

736.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

737.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

738.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

739.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

740.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

741.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

742.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

743.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

744.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

745.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

746.
$$t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

747.
$$t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

748.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

749.
$$t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

750.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

751.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

752.
$$t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

753.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

754.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

755.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

756.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

757.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

758.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

759.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

760.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

761.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

762.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

763.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

764.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

765.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

766.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

767.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

768.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

769.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

770.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

771.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

772.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

773.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

774.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

775.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

776.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

777.
$$t_{e_{1,6}, e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$778. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash \neg e_{1,5} \vee \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

779.
$$t_{e_{1,6}, e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

780.
$$t_{e_{1,6}, e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

781.
$$t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \lnot t_{e_{1,6},\,e_{2,6}} \lor \lnot t_{e_{1,5},\,\lnot e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \lnot t_{e_{1,5},\,\lnot e_{1,6}} \lor e_{2,6}$$

782.
$$t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

783.
$$t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \lnot t_{e_{1,6},\,e_{2,6}} \lor \lnot t_{e_{1,5},\,\lnot e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \lnot t_{e_{1,5},\,\lnot e_{1,6}} \lor e_{2,6}$$

784.
$$t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \lnot t_{e_{1,6},\,e_{2,6}} \lor \lnot t_{e_{1,5},\,\lnot e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \lnot t_{e_{1,5},\,\lnot e_{1,6}} \lor e_{2,6}$$

785.
$$t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$786.\ \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

787.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

788.
$$t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \lnot t_{e_{1,6},\,e_{2,6}} \lor \lnot t_{e_{1,5},\,\lnot e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \lnot t_{e_{1,5},\,\lnot e_{1,6}} \lor e_{2,6}$$

789.
$$t_{e_{1,6}, e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

790.
$$t_{e_{1,6},e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},e_{2,6}} \lor \neg t_{\neg e_{1,5},\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\neg e_{1,6}} \lor e_{2,6}$$

791.
$$t_{e_{1,6}, e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

792.
$$t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

793.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

794.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

795.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

796.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

797.
$$t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash \neg e_{1,5} \vee \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

798.
$$t_{e_{1,6}, e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

799.
$$t_{e_{1,6},e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},e_{2,6}} \lor \neg t_{\neg e_{1,5},\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\neg e_{1,6}} \lor e_{2,6}$$

$$800.\ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$801.\ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

802.
$$t_{e_{1,6},e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},e_{2,6}} \lor \neg t_{\neg e_{1,5},\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\neg e_{1,6}} \lor e_{2,6}$$

$$803. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$804. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$805.\ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$806.\ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

807.
$$t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$808.\ \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$809.\ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

810.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$811. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

812.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

813.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

814.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

815.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

816.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

817.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

818.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

819.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

820.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

821.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

822.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

823.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$824.\ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

825.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

826.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

827.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

828.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

829.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$830. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

831.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$832. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$833. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

834.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$835. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$836.\ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

837.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

838.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

839.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

840.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

841.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

842.
$$t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \lnot t_{e_{1,6},\,e_{2,6}} \lor \lnot t_{e_{1,5},\,\lnot e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \lnot t_{e_{1,5},\,\lnot e_{1,6}} \lor e_{2,6}$$

$$843.\ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$844. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

845.
$$t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$846.\ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$847. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

848.
$$t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$849. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$850. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$851. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$852. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

853.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$854. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$855. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

856.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$857. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$858.\ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$859.\ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$860.\ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

861.
$$t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$862. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$863.\ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

864.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$865. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

866.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$867. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$868.\ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

869.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$870. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

871.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

872.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

873.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

874.
$$t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

875.
$$t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

876.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

877.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$878. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$879. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

880.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$881. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

882.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

883.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

884.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

885.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$886.\ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$887. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

888.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$889. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$890.\ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

891.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$892. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

893.
$$t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$894.\ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$895. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$896.\ \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$897. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$898.\ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

899.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

900.
$$t_{e_{1,6},e_{2,6}}, \neg t_{e_{1,6},e_{2,6}} \lor \neg t_{\neg e_{2,5},\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

901.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

902.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

903.
$$t_{e_{1,6},e_{2,6}}, \neg t_{e_{1,6},e_{2,6}} \lor \neg t_{\neg e_{2,5},\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

904.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$905. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$906. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash \neg e_{1,5} \vee \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

907.
$$t_{e_{1,6}, e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

908.
$$t_{e_{1,6}, e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

909.
$$t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

910.
$$t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

911.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

912.
$$t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

913.
$$t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

914.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

915.
$$t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

916.
$$t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

917.
$$t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$918. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

919.
$$t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash \neg e_{1,5} \vee \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

920.
$$t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash \neg e_{1,5} \vee \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

921.
$$t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

922.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

923.
$$t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

924.
$$t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

925.
$$t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash \neg e_{1,5} \vee \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

926.
$$t_{e_{1,6}, e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

927.
$$t_{e_{1,6},e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},e_{2,6}} \lor \neg t_{\neg e_{1,5},\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\neg e_{1,6}} \lor e_{2,6}$$

928.
$$t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash \neg e_{1,5} \vee \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

929.
$$t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash \neg e_{1,5} \vee \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

930.
$$t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

931.
$$t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash \neg e_{1,5} \vee \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

932.
$$t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

933.
$$t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

934.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

935.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

936.
$$t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

937.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$938. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

939.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

940.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \vee e_{1,6} \vee \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \vee e_{1,6} \vee \neg e_{2,5}$$

941.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

942.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

943.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

944.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

945.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

946.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

947.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

948.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

949.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

950.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

951.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

952.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

953.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

954.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

955.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

956.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

957.
$$t_{e_{1,6},e_{2,6}}, \neg t_{e_{1,6},e_{2,6}} \lor \neg t_{\neg e_{2,5},\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

958.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

959.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \vee e_{1,6} \vee \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \vee e_{1,6} \vee \neg e_{2,5}$$

$$960. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

961.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

962.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \vee e_{1,6} \vee \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \vee e_{1,6} \vee \neg e_{2,5}$$

963.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

964.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

965.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

966.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

967.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

968.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

969.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

970.
$$t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

971.
$$t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

972.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

973.
$$t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

974.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

975.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

976.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

977.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

978.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

979.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

980.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

981.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

982.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

983.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

984.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

985.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

986.
$$t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

987.
$$t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

988.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

989.
$$t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

990.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

991.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

992.
$$t_{e_{1,6},e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},e_{2,6}} \lor \neg t_{e_{1,5},\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\neg e_{1,6}} \lor e_{2,6}$$

993.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

994.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

995.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

996.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

997.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

998.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

999.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1000.\ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1001. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1002. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1003. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1004. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1005. \ \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1006. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1007. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

1008.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1009. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1010.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

1011.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1012. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1013. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1014. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1015.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1016. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1017. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

1018.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1019. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1020. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1021. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$1022. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1023. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1024. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$1025. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1026. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1027. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1028. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1029. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1030. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1031. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1032. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1033. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1034. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

1035.
$$t_{e_{1,6}, e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1036. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1037. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

1038.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1039. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$1040. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

1041.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

1042.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1043. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

1044.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1045. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1046. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1047. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1048. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1049. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1050.\ \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1051. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$1052. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1053. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1054. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1055. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1056. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1057. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1058. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1059. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1060. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1061. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

1062.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1063. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$1064. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$1065. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1066. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1067. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1068. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1069.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1070. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

1071.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

1072.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1073. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1074. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1075. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1076. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1077. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1078. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1079. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1080. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1081. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

1082.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1083. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1084. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1085. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1086. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1087. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1088. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1089.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1090. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1091.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1092. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1093. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

1094.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

1095.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

1096.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1097. \ \ t_{e_{1,6}, \, e_{2,6}}, \neg t_{e_{1,6}, \, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \lor e_{2,6}$$

$$1098. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1099. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1100. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1101. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1102. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

1103.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1104. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1105. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1106.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

1107.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1108. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1109.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1110. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1111.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1112.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1113. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1114. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

1115.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

1116.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1117. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

1118.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

1119.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1120. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$1121. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1122.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

1123.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1124. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1125.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1126. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1127. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1128.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1129. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

1130.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

1131.
$$t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$1132. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

1133.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1134. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1135. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

1136.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1137. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1138.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

1139.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1140. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1141. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

1142.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1143.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1144. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1145. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

1146.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1147. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$1148. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1149. \ t_{e_{1,6},\, e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\, e_{2,6}} \vee \neg t_{e_{1,5},\, \neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\, \neg e_{1,6}} \vee e_{2,6}$$

$$1150. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1151. \ \ t_{e_{1,6}, \, e_{2,6}}, \neg t_{e_{1,6}, \, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \lor e_{2,6}$$

1152.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1153. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1154. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1155. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1156. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1157.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

1158.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1159. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1160.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

1161.
$$t_{e_{1,6}, e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1162. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1163. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1164. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

1165.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

1166.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1167. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$1168. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

1169.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

1170.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1171. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

1172.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

1173.
$$t_{e_{1,6}, e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1174. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1175. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1176. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

1177.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

1178.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

1179.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

1180.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1181. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1182. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1183. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

1184.
$$t_{e_{1,6}, e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1185. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1186. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1187. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1188. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1189. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

1190.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1191. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

1192.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1193. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1194. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1195. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1196.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1197.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1198. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

1199.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

1200.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1201. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1202. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

1203.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

1204.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1205. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1206. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1207.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1208. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1209.\ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1210. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

1211.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

1212.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1213. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1214. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1215. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1216. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1217. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1218. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1219.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1220. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1221. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1222. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

1223.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

1224.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1225. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1226. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

1227.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1228. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1229. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$1230. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

1231.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1232. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$1233. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1234.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

1235.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1236. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1237. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

1238.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1239. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1240. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1241. \ \ t_{e_{1,6}, \, e_{2,6}}, \neg t_{e_{1,6}, \, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \lor e_{2,6}$$

$$1242. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1243. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1244. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1245. \ \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1246. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1247. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1248. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$1249. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1250.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

1251.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1252. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1253.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1254. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1255. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1256. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1257. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

1258.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1259. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1260. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

1261.
$$t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1262. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1263. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1264. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$1265. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1266. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1267. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1268. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1269.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1270. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1271. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1272. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1273. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1274. \ \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1275. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$1276. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

1277.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

1278.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1279. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1280.\ \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

1281.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1282. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1283. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1284. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1285.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1286. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1287.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1288.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1289. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1290. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1291. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1292. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1293. \ \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1294. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$1295. \ \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1296. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1297. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$1298. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1299. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1300. \ \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1301. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1302. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1303. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1304. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1305. \ \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1306. \ \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

1307.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1308. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$1309. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1310. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

1311.
$$t_{e_{1,6}, e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1312. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1313. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1314. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1315. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1316. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1317. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$1318. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$1319. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1320. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1321. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1322. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1323. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1324. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1325.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

1326.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

1327.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1328. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1329. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1330. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

1331.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

1332.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1333. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1334. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1335.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1336. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1337. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

1338.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

1339.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1340. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

1341.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1342. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1343. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1344. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1345. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1346. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1347. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1348. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1349.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

1350.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1351. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1352. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1353. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1354. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1355. \ \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1356. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1357. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$1358. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

1359.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1360. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

1361.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1362.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1363. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1364. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1365.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

1366.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1367. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1368.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1369. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1370. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$1371. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1372. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1373. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1374. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1375. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1376. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1377. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1378. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

1379.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1380. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1381.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1382. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1383. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1384. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1385. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

1386.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1387. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

1388.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

1389.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1390. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1391. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

1392.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

1393.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1394. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

1395.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1396. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1397.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1398. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1399. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1400.\ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1401. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1402. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$1403. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1404. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1405. \ \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1406. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1407. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1408. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1409. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1410. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1411. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1412. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1413.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1414. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1415. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1416.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1417. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1418. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1419. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1420. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1421. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$1422. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1423. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1424. \ \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1425. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1426. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$1427. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1428. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1429. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1430. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1431. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1432. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1433. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1434. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$1435. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1436. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$1437. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1438. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1439. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

1440.
$$t_{e_{1,6}, e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1441. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1442. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1443. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1444. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1445. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

1446.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

1447.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

1448.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1449. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1450.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1451. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1452. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1453. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

1454.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1455. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1456. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

1457.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

1458.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1459. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1460.\ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1461. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1462. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1463. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1464. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1465. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

1466.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

1467.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1468. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1469. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1470. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1471. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1472. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1473. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1474.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1475. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1476. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1477.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1478. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

1479.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1480.\ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1481. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1482. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1483. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$1484. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1485. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1486. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1487. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1488. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1489. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1490.\ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1491. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1492. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1493.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

1494.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1495. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1496.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

1497.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1498. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$1499. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$1500. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

1501.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1502. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1503. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

1504.
$$t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1505. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1506. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1507. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

1508.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1509.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1510. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1511. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1512.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1513. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1514. \ \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1515. \ \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1516. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1517. \ \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1518. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1519. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

1520.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

1521.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1522. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

1523.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1524. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1525. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1526. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1527. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1528.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1529. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1530. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

1531.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1532. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1533. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$1534. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

1535.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1536. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1537. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1538.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

1539.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1540. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1541.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

1542.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1543. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1544. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1545. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1546. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1547. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

1548.
$$t_{e_{1,6}, e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1549. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

1550.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

1551.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1552. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$1553. \ \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1554. \ \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

1555.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1556. \ \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1557. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1558. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1559. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1560. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1561. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

1562.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1563. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1564. \ \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1565. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1566. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1567. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1568. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1569. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1570. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1571. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1572. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1573. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

1574.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

1575.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1576. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

1577.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1578.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1579. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1580. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1581.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

1582.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1583. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

1584.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

1585.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1586. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

1587.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1588. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

1589.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1590. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1591. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1592. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1593.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1594. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

1595.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1596. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1597. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1598. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1599. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1600. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1601.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1602.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1603. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1604. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1605.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1606. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1607. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1608. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

1609.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1610. \ \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1611. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

1612.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1613. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1614. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1615. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1616. \ \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

1617.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1618. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

1619.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1620. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1621. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

1622.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1623. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1624.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1625. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1626. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$1627. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1628. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

1629.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1630. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1631. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

1632.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1633. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1634. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1635. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1636. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1637. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1638. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1639. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1640.\ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1641. \ \ t_{e_{1,6}, \, e_{2,6}}, \neg t_{e_{1,6}, \, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \lor e_{2,6}$$

$$1642. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

1643.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1644. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1645. \ \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1646. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1647. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1648. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

1649.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1650. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

1651.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1652. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1653. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1654. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1655. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1656.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1657. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1658. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

1659.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1660. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1661. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1662. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

1663.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1664. \ \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1665. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1666.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1667. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1668. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1669. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1670. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1671. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1672. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1673. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1674. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1675. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1676. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1677. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

1678.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1679. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$1680. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$1681. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

1682.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

1683.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1684. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$1685. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1686. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1687. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1688. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1689. \ \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

1690.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1691. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1692. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1693. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1694. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1695. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1696. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

1697.
$$t_{e_{1,6}, e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1698. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1699. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1700. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

1701.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1702. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1703. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1704. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$1705. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1706. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1707. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1708. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1709.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

1710.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1711. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

1712.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

1713.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1714. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1715. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

1716.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

1717.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1718. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1719.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1720. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1721. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

1722.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1723. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

1724.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1725. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1726. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1727.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1728. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1729. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1730.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1731. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1732.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1733.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1734. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1735. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

1736.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

1737.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1738. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

1739.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

1740.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1741. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$1742. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1743. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

1744.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1745. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1746.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

1747.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1748. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1749. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1750. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1751.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1752.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1753. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1754. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

1755.
$$t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1756. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

1757.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1758. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1759. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1760. \ \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1761. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1762. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

1763.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

1764.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1765. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

1766.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1767.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1768. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1769. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

1770.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

1771.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1772. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

1773.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1774. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1775. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1776. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$1777. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1778.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1779. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1780. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1781.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1782. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1783. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1784. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1785. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1786. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1787. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1788. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1789. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

1790.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

1791.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1792. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

1793.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1794.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1795. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1796. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1797.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

1798.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1799. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1800.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

1801.
$$t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1802. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1803. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1804. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1805. \ \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1806.\ \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1807. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$1808. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$1809. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1810. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

1811.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1812. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$1813. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1814. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1815. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1816. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1817. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

1818.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1819. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$1820. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$1821. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1822. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1823. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1824. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1825. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1826. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1827. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1828. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1829. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

1830.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1831. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1832. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1833. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1834. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1835. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1836. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1837.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

1838.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1839. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

1840.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

1841.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1842. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1843. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

1844.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1845. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1846. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1847.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1848. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1849. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1850. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

1851.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

1852.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1853. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1854. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1855. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1856. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1857. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1858. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1859.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1860. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1861. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

1862.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

1863.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1864. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1865. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1866. \ \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

1867.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1868. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1869. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$1870.\ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

1871.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

1872.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1873. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1874. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

1875.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1876. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1877. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1878. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1879.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1880.\ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1881. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1882. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1883. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1884. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1885. \ \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1886. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1887. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1888. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

1889.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1890.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

1891.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

1892.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1893.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1894. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1895. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1896. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1897. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1898. \ \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

1899.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1900. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

1901.
$$t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$1902. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1903. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1904. \ \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1905. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1906.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1907. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

1908.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1909.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1910. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1911. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1912.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

1913.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

1914.
$$t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$1915. \ \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

1916.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

1917.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1918. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1919. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

1920.
$$t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

1921.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1922. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1923. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1924. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1925.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

1926.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1927. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1928.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1929. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1930. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1931. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

1932.
$$t_{e_{1,6}, e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

1933.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1934. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

1935.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

1936.
$$t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

1937.
$$t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

1938.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1939. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

1940.
$$t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1941. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1942. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1943. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1944. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1945. \ \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

1946.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$1947. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

1948.
$$t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1949. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1950. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1951. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1952. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1953. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1954. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1955. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1956. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1957. \ \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1958. \ \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1959. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$1960. \ \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1961. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1962. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1963. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1964. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1965. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1966. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

1967.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

1968.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1969. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1970. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

1971.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1972. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

1973.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1974. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1975. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1976. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1977. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1978. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1979. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

1980.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1981. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1982. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1983.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1984. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1985. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1986. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1987.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1988. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

1989.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

1990.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

1991.
$$t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

1992.
$$t_{e_{1.6}, e_{2.6}}, \neg t_{e_{1.6}, e_{2.6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2.5}, \neg e_{2.6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2.5}, \neg e_{2.6}}$$

$$1993. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

1994.
$$t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1995. \ \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1996. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

1997.
$$t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1998. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$1999. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2000. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$2001. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2002. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$2003. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$2004. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2005. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$2006. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2007. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2008. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$2009. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2010. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2011. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$2012. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

2013.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$2014. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2015. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2016. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2017. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2018. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

2019.
$$t_{e_{1.6}, e_{2.6}}, \neg t_{e_{1.6}, e_{2.6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2.5}, \neg e_{2.6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2.5}, \neg e_{2.6}}$$

$$2020. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2021. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$2022. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2023. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2024. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$2025. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2026. \ \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2027. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2028. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2029. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2030. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2031. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2032. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2033. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

2034.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$2035. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$2036. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

2037.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$2038. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2039. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2040. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$2041. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2042. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2043. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2044. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2045. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2046. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2047. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2048. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2049. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2050. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$2051. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$2052. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2053. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$2054. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2055. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2056. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$2057. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2058. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2059. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2060. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2061. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$2062. \ \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2063. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2064. \ \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2065. \ \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2066. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2067. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$2068. \ \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2069. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2070. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2071. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2072. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2073. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2074. \ \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2075. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2076. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2077. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2078. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2079. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2080. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2081. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2082. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2083. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2084. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2085. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2086. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2087. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

2088.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$2089. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2090. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2091. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2092. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2093. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$2094. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

2095.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$2096. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

2097.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$2098. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$2099. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

2100.
$$t_{e_{1.6}, e_{2.6}}, \neg t_{e_{1.6}, e_{2.6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2.5}, \neg e_{2.6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2.5}, \neg e_{2.6}}$$

$$2101. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2102. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2103. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2104. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

2105.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$2106. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$2107. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

2108.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$2109. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2110. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2111. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2112. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2113. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2114. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

2115.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2116. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2117. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

2118.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$2119. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$2120. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$2121. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

2122.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$2123. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2124. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2125. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2126. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2127. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2128. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$2129. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2130. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$2131. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$2132. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

2133.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$2134. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

2135.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2136. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$2137. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2138. \ \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2139. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$2140. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

2141.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$2142. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2143. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2144. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2145. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2146. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$2147. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$2148. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

2149.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$2150. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

2151.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

2152.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$2153. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2154. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2155. \ \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2156. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2157. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2158. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2159. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2160.\ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2161. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2162. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$2163. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$2164. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2165. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$2166. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2167. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

2168.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$2169. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2170. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

2171.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$2172. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2173. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$2174. \ t_{e_{1,6}, \, e_{2,6}}, \neg t_{e_{1,6}, \, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \lor e_{2,6}$$

$$2175. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

2176.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$2177. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

2178.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

2179.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$2180.\ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2181. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$2182. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2183. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2184. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$2185. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2186. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2187. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2188. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2189. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2190. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

2191.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$2192. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2193. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$2194. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

2195.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

2196.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$2197. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2198. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2199. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2200. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2201. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2202. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

2203.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$2204. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2205. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2206. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2207. \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2208. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2209. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2210. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2211. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2212. \ \ t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2213. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$2214. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2215. \ \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2216. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2217. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2218. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2219. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2220. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2221. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$2222. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

2223.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$2224. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

2225.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$2226. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$2227. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$2228. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$2229. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2230. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2231. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2232. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

2233.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$2234. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$2235. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$2236. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$2237. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2238. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2239. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2240. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2241. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2242. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2243. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2244. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2245. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$2246. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$2247. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$2248. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$2249. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

2250.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$2251. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$2252. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

2253.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$2254. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2255. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2256. \ \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2257. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2258. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

2259.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$2260. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2261. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$2262. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2263. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2264. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$2265. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2266. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$2267. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$2268. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2269. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2270. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2271. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2272. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2273. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2274. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$2275. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$2276. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

2277.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$2278. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2279. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2280. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$2281. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2282. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

2283.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$2284. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2285. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2286. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2287. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2288. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$2289. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2290. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

2291.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

2292.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2293. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$2294. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2295. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2296. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$2297. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2298. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

2299.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$2300. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2301. \ t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6} \vdash e_{1,5} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

$$2302. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$2303. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

2304.
$$t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$2305. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2306. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

2307.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$2308. \ \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2309. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$2310. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

2311.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2312. \ t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

2313.
$$t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,3} \vdash e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}$$

2314.
$$t_{e_{1,2},\,e_{2,3}}, \neg t_{e_{1,2},\,e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,3} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$2315. \ \ t_{e_{1,2},\,e_{2,3}}, \neg t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,2}$$

2316.
$$t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}$$

2317.
$$t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,2} \vdash e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}$$

2318.
$$t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,3} \vdash e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}$$

2319.
$$t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,3}, e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,3}, e_{2,3}} \lor e_{1,2}$$

2320.
$$t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, e_{1,3}} \lor e_{2,3} \vdash e_{2,3} \lor t_{e_{1,2}, e_{1,3}}$$

2321.
$$t_{e_{1,2},e_{2,3}}, t_{e_{1,2},e_{1,3}} \vee \neg t_{e_{1,2},e_{2,3}} \vee e_{2,3} \vdash t_{e_{1,2},e_{1,3}} \vee e_{2,3}$$

2322.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

2323.
$$t_{e_{1.5}, e_{2.5}}, \neg t_{e_{1.5}, e_{2.5}} \lor e_{2,5} \lor t_{\neg e_{1.2}, \neg e_{1.3}} \vdash t_{\neg e_{1.2}, \neg e_{1.3}} \lor e_{2,5}$$

2324.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}}$$

2325.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}}$$

2326.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor t_{\neg e_{1,5}, e_{2,5}}$$

2327.
$$t_{e_{1,5}, e_{2,5}}, t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \vdash e_{2,5} \lor t_{\neg e_{1,2}, e_{1,3}}$$

2328.
$$t_{e_{1.5}, e_{2.5}}, e_{1.5} \lor \neg t_{e_{1.5}, e_{2.5}} \lor \neg t_{e_{1.5}, \neg e_{2.5}} \vdash \neg t_{e_{1.5}, \neg e_{2.5}} \lor e_{1.5}$$

2329.
$$t_{e_{1,5}, e_{2,5}}, t_{e_{1,2}, e_{1,3}} \vee \neg t_{e_{1,5}, e_{2,5}} \vee e_{2,5} \vdash t_{e_{1,2}, e_{1,3}} \vee e_{2,5}$$

2330.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash e_{1,5} \lor t_{\neg e_{1,2}, e_{2,3}}$$

2331.
$$t_{e_{1.5}, e_{2.5}}, t_{e_{1.5}, \neg e_{2.5}} \lor \neg t_{e_{1.5}, e_{2.5}} \lor e_{2.5} \vdash t_{e_{1.5}, \neg e_{2.5}} \lor e_{2.5}$$

2332.
$$t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{2,5}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \vdash \neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,5}$$

2333.
$$t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2}, e_{2,3}}$$

2334.
$$t_{e_{1,4}, e_{2,4}}, \neg t_{\neg e_{1,4}, e_{2,4}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{2,4} \vdash \neg t_{\neg e_{1,4}, e_{2,4}} \lor e_{2,4}$$

2335.
$$t_{e_{1,4}, e_{2,4}}, t_{e_{1,4}, \neg e_{2,4}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,4}, \neg e_{2,4}} \lor e_{2,4}$$

2336.
$$t_{e_{1,4}, e_{2,4}}, e_{1,4} \lor t_{\neg e_{1,4}, e_{2,4}} \lor \neg t_{e_{1,4}, e_{2,4}} \vdash t_{\neg e_{1,4}, e_{2,4}} \lor e_{1,4}$$

2337.
$$t_{e_{1,4}, e_{2,4}}, e_{1,4} \vee \neg t_{e_{1,4}, \neg e_{2,4}} \vee \neg t_{e_{1,4}, e_{2,4}} \vdash e_{1,4} \vee \neg t_{e_{1,4}, \neg e_{2,4}}$$

2338.
$$t_{e_{1,3}, e_{2,3}}, t_{\neg e_{1,3}, e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}}$$

2339.
$$t_{e_{1,3}, e_{2,3}}, t_{e_{1,2}, e_{2,3}} \vee \neg t_{e_{1,3}, e_{2,3}} \vee e_{1,3} \vdash e_{1,3} \vee t_{e_{1,2}, e_{2,3}}$$

2340.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}$$

2341.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{\neg e_{1,3}, e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash e_{2,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}}$$

2342.
$$t_{e_{1,3}, e_{2,3}}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}$$

2343.
$$t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash \neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}$$

2344.
$$t_{e_{1,3}, e_{2,3}}, t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{2,3}$$

2345.
$$t_{e_{1,3}, e_{2,3}}, t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash e_{2,3} \lor t_{\neg e_{1,2}, e_{1,3}}$$

2346.
$$t_{e_{1,2}, e_{1,3}}, \neg t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{1,2} \vdash e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}$$

2347.
$$t_{e_{1,2}, e_{1,3}}, \neg t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

2348.
$$t_{e_{1,2},e_{1,3}}, t_{\neg e_{1,2},e_{1,3}} \lor \neg t_{e_{1,2},e_{1,3}} \lor e_{1,2} \vdash e_{1,2} \lor t_{\neg e_{1,2},e_{1,3}}$$

2349.
$$t_{e_{1,2}, e_{1,3}}, \neg t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,2}, e_{2,3}} \lor e_{1,3}$$

2350.
$$t_{e_{1,2}, e_{1,3}}, \neg t_{e_{1,2}, e_{1,3}} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,3} \vdash \neg t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,3}$$

$$2351. \ \ t_{e_{1,2}, \, e_{1,3}}, t_{e_{1,3}, \, \neg e_{2,3}} \lor \neg t_{e_{1,2}, \, e_{1,3}} \lor e_{1,2} \vdash t_{e_{1,3}, \, \neg e_{2,3}} \lor e_{1,2}$$

2352.
$$t_{e_{1,2},e_{1,3}}, \neg t_{e_{1,2},e_{1,3}} \lor e_{1,3} \lor t_{e_{1,2},\neg e_{1,3}} \vdash e_{1,3} \lor t_{e_{1,2},\neg e_{1,3}}$$

2353.
$$t_{e_{1,2}, e_{1,3}}, \neg t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,3}, e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,3}, e_{2,3}} \lor e_{1,2}$$

2354.
$$t_{e_{1,6},\,e_{2,6}}, t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}$$

2355.
$$t_{e_{1.6}, e_{2.6}}, \neg t_{e_{1.6}, e_{2.6}} \lor e_{2.6} \lor t_{e_{1.2}, \neg e_{1.3}} \vdash e_{2.6} \lor t_{e_{1.2}, \neg e_{1.3}}$$

2356.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}}$$

2357.
$$t_{e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,6}$$

2358.
$$t_{e_{1.6}, e_{2.6}}, \neg t_{e_{1.6}, e_{2.6}} \lor t_{\neg e_{1.2}, \neg e_{1.3}} \lor e_{2.6} \vdash t_{\neg e_{1.2}, \neg e_{1.3}} \lor e_{2.6}$$

2359.
$$t_{e_{1,6},\,e_{2,6}}, t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor e_{2,6}$$

2360.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,6} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,6}$$

2361.
$$t_{e_{1.6}, e_{2.6}}, \neg t_{e_{1.6}, e_{2.6}} \lor e_{2,6} \lor \neg t_{\neg e_{1.6}, e_{2.6}} \vdash e_{2,6} \lor \neg t_{\neg e_{1.6}, e_{2.6}}$$

2362.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \vdash e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

2363.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \vdash e_{1,6} \lor t_{e_{1,2}, \neg e_{2,3}}$$

2364.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6} \vdash e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}$$

2365.
$$t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,6} \vdash e_{1,6} \lor t_{e_{1,2}, e_{2,3}}$$

$$2366. \ \, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,4}, \neg e_{2,4} \lor \neg e_{4,5} \lor e_{1,4} \vdash \neg t_{\neg e_{1,4},\, e_{2,4}} \lor \neg e_{4,5} \lor e_{1,4}$$

$$2367. \ \, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,4}, t_{\neg e_{1,5},\, \neg e_{1,6}} \lor t_{\neg e_{1,4},\, e_{2,4}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,5},\, \neg e_{1,6}} \lor e_{2,4} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$2368. \ \, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,4}, \neg t_{\neg e_{4,5},\, \neg e_{4,6}} \lor t_{\neg e_{1,4},\, e_{2,4}} \lor \neg e_{4,5} \vdash \neg t_{\neg e_{4,5},\, \neg e_{4,6}} \lor \neg e_{4,5} \lor e_{2,4}$$

$$2369. \ \, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,4}, \neg e_{2,4} \lor \neg t_{\neg e_{1,4},\, \neg e_{2,4}} \lor \neg t_{e_{1,4},\, \neg e_{2,4}} \vdash \neg t_{\neg e_{1,4},\, e_{2,4}} \lor \neg t_{e_{1,4},\, \neg e_{2,4}} \lor \neg t_{\neg e_{1,4},\, \neg e_{2,4}} \lor \neg t_{\neg e_{$$

2370.
$$\neg t_{\neg e_{1,4}, e_{2,4}} \lor e_{2,4}, \neg t_{\neg e_{1,4}, e_{2,4}} \lor t_{\neg e_{1,4}, e_{2,4}} \lor e_{2,4} \vdash e_{2,4}$$

$$2371. \ \, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,4}, t_{\neg e_{2,5},\, e_{2,6}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,4},\, e_{2,4}} \vdash t_{\neg e_{2,5},\, e_{2,6}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{2,4}$$

$$2372. \ \, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,4}, t_{e_{1,4},\, e_{2,4}} \lor t_{e_{4,5},\, \neg e_{4,6}} \lor t_{\neg e_{1,4},\, e_{2,4}} \vdash t_{e_{1,4},\, e_{2,4}} \lor t_{e_{4,5},\, \neg e_{4,6}} \lor e_{2,4}$$

$$2373. \ \, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,4}, t_{\neg e_{1,4},\, e_{2,4}} \lor t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,4}$$

$$2374. \ \, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,4}, t_{e_{1,4},\, e_{2,4}} \lor t_{e_{4,5},\, e_{4,6}} \lor t_{\neg e_{1,4},\, e_{2,4}} \vdash t_{e_{1,4},\, e_{2,4}} \lor t_{e_{4,5},\, e_{4,6}} \lor e_{2,4}$$

$$2375. \ \, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,4}, e_{4,6} \lor \neg t_{\neg e_{4,5},\, e_{4,6}} \lor t_{\neg e_{1,4},\, e_{2,4}} \vdash e_{4,6} \lor \neg t_{\neg e_{4,5},\, e_{4,6}} \lor e_{2,4}$$

$$2376. \ \, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,4}, t_{\neg e_{4,5},\, e_{4,6}} \lor t_{\neg e_{1,4},\, e_{2,4}} \lor t_{\neg e_{1,4},\, \neg e_{2,4}} \vdash t_{\neg e_{4,5},\, e_{4,6}} \lor t_{\neg e_{1,4},\, \neg e_{2,4}} \lor e_{2,4}$$

$$2377. \ \, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,4}, t_{e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,4},\, e_{2,4}} \vdash t_{e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{2,4}$$

$$2378. \ \, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,4}, t_{\neg e_{2,5},\, e_{2,6}} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,4},\, e_{2,4}} \vdash t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,4}$$

$$2379. \ \, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,4}, e_{4,6} \lor \neg t_{e_{4,5},\, e_{4,6}} \lor t_{\neg e_{1,4},\, e_{2,4}} \vdash e_{4,6} \lor \neg t_{e_{4,5},\, e_{4,6}} \lor e_{2,4}$$

$$2380. \ \, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,4}, t_{e_{4,5},\, \neg e_{4,6}} \lor t_{e_{4,5},\, e_{4,6}} \lor t_{\neg e_{1,4},\, e_{2,4}} \vdash t_{e_{4,5},\, \neg e_{4,6}} \lor t_{e_{4,5},\, e_{4,6}} \lor e_{2,4}$$

$$2381. \ \, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,4}, \neg e_{2,4} \lor \neg t_{\neg e_{1,4},\, \neg e_{2,4}} \lor t_{\neg e_{1,4},\, \neg e_{2,4}} \vdash \neg t_{\neg e_{1,4},\, e_{2,4}} \lor \neg t_{\neg e_{1,4},\, \neg e_{2,4}} \lor t_{\neg e_{1,4},\, \neg e_{$$

$$2382. \ \, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,4}, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor t_{\neg e_{1,4},\, e_{2,4}} \lor \neg e_{1,4} \vdash \neg e_{1,4} \lor e_{2,4}$$

$$2383. \ \, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,4}, t_{e_{4,5},\, e_{4,6}} \lor t_{\neg e_{1,4},\, e_{2,4}} \lor t_{\neg e_{1,4},\, \neg e_{2,4}} \vdash t_{e_{4,5},\, e_{4,6}} \lor t_{\neg e_{1,4},\, \neg e_{2,4}} \lor e_{2,4}$$

$$2384. \ \, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,4}, e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,4},\, e_{2,4}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor e_{2,4}$$

$$2385. \ \, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,4}, t_{\neg e_{4,5},\, \neg e_{4,6}} \lor t_{\neg e_{1,4},\, e_{2,4}} \lor t_{\neg e_{1,4},\, \neg e_{2,4}} \vdash t_{\neg e_{4,5},\, \neg e_{4,6}} \lor t_{\neg e_{1,4},\, \neg e_{2,4}} \lor e_{2,4}, t_{\neg e_{1,4},\, e_{2,4}} \lor e_{$$

$$2386. \ \, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,4}, t_{\neg e_{4,5},\, e_{4,6}} \lor t_{e_{4,5},\, e_{4,6}} \lor t_{\neg e_{1,4},\, e_{2,4}} \vdash t_{\neg e_{4,5},\, e_{4,6}} \lor t_{e_{4,5},\, e_{4,6}} \lor e_{2,4}$$

$$2387. \ \, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,4}, e_{4,5} \lor t_{\neg e_{1,4},\, e_{2,4}} \lor \neg t_{e_{4,5},\, \neg e_{4,6}} \vdash e_{4,5} \lor \neg t_{e_{4,5},\, \neg e_{4,6}} \lor e_{2,4}$$

$$2388. \ \, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,4}, e_{5,6} \lor \neg t_{e_{4,5},\, e_{5,6}} \lor t_{\neg e_{1,4},\, e_{2,4}} \vdash e_{5,6} \lor \neg t_{e_{4,5},\, e_{5,6}} \lor e_{2,4}$$

$$2389. \ \, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,4}, \neg e_{5,6} \lor \neg t_{e_{4,5},\, \neg e_{5,6}} \lor t_{\neg e_{1,4},\, e_{2,4}} \vdash \neg e_{5,6} \lor \neg t_{e_{4,5},\, \neg e_{5,6}} \lor e_{2,4}$$

$$2390. \ \, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,4}, t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,5},\, \neg e_{1,6}} \lor t_{\neg e_{1,4},\, e_{2,4}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,5},\, \neg e_{1,6}} \lor e_{2,4}$$

$$2391. \ \, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,4}, t_{e_{1,4},\, e_{2,4}} \lor t_{\neg e_{4,5},\, e_{4,6}} \lor t_{\neg e_{1,4},\, e_{2,4}} \vdash t_{e_{1,4},\, e_{2,4}} \lor t_{\neg e_{4,5},\, e_{4,6}} \lor e_{2,4}$$

$$2392. \ \, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,4}, t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,5},\, e_{1,6}} \lor t_{\neg e_{1,4},\, e_{2,4}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,5},\, e_{1,6}} \lor e_{2,4}$$

$$2393. \ \, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,4}, t_{e_{1,4},\, \neg e_{2,4}} \lor \neg e_{2,4} \lor \neg t_{e_{1,4},\, \neg e_{2,4}} \vdash t_{e_{1,4},\, \neg e_{2,4}} \lor \neg t_{\neg e_{1,4},\, e_{2,4}} \lor \neg t_{e_{1,4},\, \neg e_{2,4}} \lor$$

$$2394. \ \, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,4}, \neg e_{2,4} \lor \neg e_{4,6} \lor e_{1,4} \vdash \neg t_{\neg e_{1,4},\, e_{2,4}} \lor \neg e_{4,6} \lor e_{1,4}$$

$$2395. \ \, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,4}, \neg e_{5,6} \lor \neg t_{\neg e_{4,5},\, \neg e_{5,6}} \lor t_{\neg e_{1,4},\, e_{2,4}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,5},\, \neg e_{5,6}} \lor e_{2,4}$$

$$2396. \ \, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,4}, \neg e_{5,6} \lor t_{\neg e_{1,4},\, e_{2,4}} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \lor e_{2,4}$$

$$2397. \ \, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,4}, e_{4,5} \lor \neg t_{e_{4,5},\, e_{4,6}} \lor t_{\neg e_{1,4},\, e_{2,4}} \vdash e_{4,5} \lor \neg t_{e_{4,5},\, e_{4,6}} \lor e_{2,4}$$

$$2398. \ \, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,4}, t_{\neg e_{4,5},\, e_{4,6}} \lor t_{\neg e_{4,5},\, \neg e_{4,6}} \lor t_{\neg e_{1,4},\, e_{2,4}} \vdash t_{\neg e_{4,5},\, e_{4,6}} \lor t_{\neg e_{4,5},\, \neg e_{4,6}} \lor e_{2,4}$$

$$2399. \ \, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,4}, t_{e_{2,5},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,4},\, e_{2,4}} \vdash t_{e_{2,5},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,4}$$

$$2400. \ \, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,4}, e_{4,5} \lor \neg e_{2,4} \lor e_{1,4} \vdash e_{4,5} \lor \neg t_{\neg e_{1,4},\, e_{2,4}} \lor e_{1,4}$$

2401.
$$\neg t_{\neg e_{1,4}, e_{2,4}} \lor e_{2,4}, e_{4,5} \lor \neg e_{2,4} \lor \neg e_{1,4} \vdash e_{4,5} \lor \neg t_{\neg e_{1,4}, e_{2,4}} \lor \neg e_{1,4}$$

$$2402. \ \, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,4}, t_{e_{1,5},\, e_{1,6}} \lor t_{\neg e_{1,4},\, e_{2,4}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{e_{1,5},\, e_{1,6}} \lor e_{2,4} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$2403. \ \, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,4}, \neg e_{5,6} \lor t_{\neg e_{1,4},\, e_{2,4}} \lor \neg t_{e_{4,6},\, \neg e_{5,6}} \vdash \neg e_{5,6} \lor \neg t_{e_{4,6},\, \neg e_{5,6}} \lor e_{2,4}$$

$$2404. \ \, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,4}, t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,4},\, e_{2,4}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,4}$$

$$2405. \ \, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,4}, \neg t_{\neg e_{4,5},\, e_{4,6}} \lor t_{\neg e_{1,4},\, e_{2,4}} \lor \neg e_{4,5} \vdash \neg e_{4,5} \lor \neg t_{\neg e_{4,5},\, e_{4,6}} \lor e_{2,4}$$

$$2406. \ \, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,4}, t_{e_{4,5},\, \neg e_{4,6}} \lor t_{\neg e_{1,4},\, e_{2,4}} \lor t_{\neg e_{1,4},\, \neg e_{2,4}} \vdash t_{e_{4,5},\, \neg e_{4,6}} \lor t_{\neg e_{1,4},\, \neg e_{2,4}} \lor e_{2,4}$$

$$2407. \ \, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,4}, t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,4},\, e_{2,4}} \lor t_{\neg e_{2,5},\, \neg e_{2,6}} \vdash t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{2,5},\, \neg e_{2,6}} \lor e_{2,4}$$

$$2408. \ \, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,4}, t_{e_{2,5},\, \neg e_{2,6}} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,4},\, e_{2,4}} \vdash t_{e_{2,5},\, \neg e_{2,6}} \lor t_{e_{1,2},\, e_{2,3}} \lor e_{2,4}$$

$$2409. \ \, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,4}, t_{\neg e_{1,4},\, e_{2,4}} \lor t_{e_{1,5},\, e_{1,6}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{e_{1,5},\, e_{1,6}} \lor e_{2,4} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$2410. \ \, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,4}, \neg t_{\neg e_{4,5},\, \neg e_{4,6}} \lor \neg e_{4,6} \lor t_{\neg e_{1,4},\, e_{2,4}} \vdash \neg t_{\neg e_{4,5},\, \neg e_{4,6}} \lor \neg e_{4,6} \lor e_{2,4}$$

$$2411. \ \, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,4}, \neg e_{4,6} \lor t_{\neg e_{1,4},\, e_{2,4}} \lor \neg t_{e_{4,5},\, \neg e_{4,6}} \vdash \neg e_{4,6} \lor \neg t_{e_{4,5},\, \neg e_{4,6}} \lor e_{2,4}$$

$$2412. \ \, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,4}, e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}} \lor t_{\neg e_{1,4},\, e_{2,4}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}} \lor e_{2,4}$$

$$2413. \ \, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,4}, t_{e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,5},\, e_{1,6}} \lor t_{\neg e_{1,4},\, e_{2,4}} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,5},\, e_{1,6}} \lor e_{2,4}$$

$$2414. \ \, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,4}, t_{e_{4,5},\, \neg e_{4,6}} \lor t_{\neg e_{4,5},\, \neg e_{4,6}} \lor t_{\neg e_{1,4},\, e_{2,4}} \vdash t_{e_{4,5},\, \neg e_{4,6}} \lor t_{\neg e_{4,5},\, \neg e_{4,6}} \lor e_{2,4}$$

$$2415. \ \, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,4}, t_{e_{1,4},\, e_{2,4}} \lor \neg e_{2,4} \lor \neg t_{e_{1,4},\, \neg e_{2,4}} \vdash t_{e_{1,4},\, e_{2,4}} \lor \neg t_{\neg e_{1,4},\, e_{2,4}} \lor \neg t_{e_{1,4},\, \neg e_{2,4}} \lor \neg t_{e_{1,4},\, e_{2,4}} \lor \neg t_{e$$

$$2416. \ \, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,4}, \neg e_{2,4} \lor \neg e_{1,4} \lor \neg e_{4,5} \vdash \neg t_{\neg e_{1,4},\, e_{2,4}} \lor \neg e_{1,4} \lor \neg e_{4,5}$$

$$2417. \ \, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,4}, e_{1,4} \lor t_{\neg e_{1,4},\, e_{2,4}} \lor \neg t_{e_{1,4},\, e_{2,4}} \vdash e_{1,4} \lor \neg t_{e_{1,4},\, e_{2,4}} \lor e_{2,4}$$

$$2418. \ \, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,4}, t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,4},\, e_{2,4}} \vdash t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{2,5},\, \neg e_{2,6}} \lor e_{2,4}$$

$$2419. \ \, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,4}, e_{4,6} \lor \neg e_{2,4} \lor e_{1,4} \vdash e_{4,6} \lor \neg t_{\neg e_{1,4},\, e_{2,4}} \lor e_{1,4}$$

$$2420. \ \, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,4}, t_{e_{1,5},\, \neg e_{1,6}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,4},\, e_{2,4}} \vdash t_{e_{1,5},\, \neg e_{1,6}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{2,4}$$

$$2421. \ \, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,4}, t_{\neg e_{1,5},\, e_{1,6}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,4},\, e_{2,4}} \vdash t_{\neg e_{1,5},\, e_{1,6}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{2,4}$$

$$2422. \ \, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,4}, e_{5,6} \lor t_{\neg e_{1,4},\, e_{2,4}} \lor \neg t_{e_{4,6},\, e_{5,6}} \vdash e_{5,6} \lor e_{2,4} \lor \neg t_{e_{4,6},\, e_{5,6}}$$

$$2423. \ \, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,4}, \neg e_{2,4} \lor \neg t_{e_{1,4},\, \neg e_{2,4}} \lor \neg t_{\neg e_{1,4},\, \neg e_{2,4}} \vdash \neg t_{\neg e_{1,4},\, e_{2,4}} \lor \neg t_{\neg e_{1,4},\, \neg e_{2,4}} \lor \neg t_{e_{1,4},\, \neg e_{$$

$$2424. \ \, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,4}, t_{e_{1,4},\, e_{2,4}} \lor t_{\neg e_{4,5},\, \neg e_{4,6}} \lor t_{\neg e_{1,4},\, e_{2,4}} \vdash t_{e_{1,4},\, e_{2,4}} \lor t_{\neg e_{4,5},\, \neg e_{4,6}} \lor e_{2,4}$$

$$2425. \ \, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,4}, t_{e_{1,5},\, \neg e_{1,6}} \lor t_{e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,4},\, e_{2,4}} \vdash t_{e_{1,5},\, \neg e_{1,6}} \lor t_{e_{1,2},\, e_{1,3}} \lor e_{2,4}$$

$$2426. \ \, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,4}, t_{e_{2,5},\, e_{2,6}} \lor t_{\neg e_{1,4},\, e_{2,4}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{e_{2,5},\, e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,4}$$

2427.
$$\neg t_{\neg e_{1,4}, e_{2,4}} \lor e_{2,4}, e_{4,6} \lor \neg e_{2,4} \lor \neg e_{1,4} \vdash e_{4,6} \lor \neg t_{\neg e_{1,4}, e_{2,4}} \lor \neg e_{1,4}$$

$$2428. \ \, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,4}, \neg e_{2,4} \lor \neg e_{4,6} \lor \neg e_{1,4} \vdash \neg t_{\neg e_{1,4},\, e_{2,4}} \lor \neg e_{4,6} \lor \neg e_{1,4}$$

$$2429. \ t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,6},\, e_{2,6}}, t_{e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,6},\, e_{2,6}} \lor e_{2,6} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,6}$$

$$2430. \ t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2431. \ t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$2432. \ t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6}$$

$$2433. \ \ t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,6} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,6}$$

$$2434. \ t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,6}, e_{2,6}}, t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,6} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,6}$$

$$2435. \ t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{e_{1,6}, \, e_{2,6}}, \neg t_{e_{1,6}, \, e_{2,6}} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor e_{2,6} \vdash t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor e_{2,6}$$

$$2436. \ t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \lor \neg$$

$$2437. \ t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \lor e_{$$

2438.
$$t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6}$$

$$2439. \ t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6}$$

$$2440. \ t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6}$$

$$2441. \ t_{e_{1,4},\,e_{2,4}} \lor t_{\neg e_{1,6},\,\neg e_{2,6}}, \neg t_{\neg e_{1,4},\,e_{2,4}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash \neg t_{\neg e_{1,4},\,e_{2,4}} \lor t_{\neg e_{1,6},\,\neg e_{2,6}} \lor e_{2,4}$$

$$2442. \ t_{e_{1,4},\,e_{2,4}} \lor t_{\neg e_{1,6},\,\neg e_{2,6}}, t_{e_{1,4},\,\neg e_{2,4}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,4},\,\neg e_{2,4}} \lor t_{\neg e_{1,6},\,\neg e_{2,6}} \lor e_{2,4}$$

$$2443. \ t_{e_{1,4},\,e_{2,4}} \lor t_{\neg e_{1,6},\,\neg e_{2,6}}, e_{1,4} \lor t_{\neg e_{1,4},\,e_{2,4}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{1,4},\,e_{2,4}} \lor e_{1,4} \lor t_{\neg e_{1,6},\,\neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6},\,\neg e_{2$$

$$2444. \ t_{e_{1,4},\,e_{2,4}} \lor t_{\neg e_{1,6},\,\neg e_{2,6}}, e_{1,4} \lor \neg t_{e_{1,4},\,\neg e_{2,4}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash e_{1,4} \lor \neg t_{e_{1,4},\,\neg e_{2,4}} \lor t_{\neg e_{1,6},\,\neg e_{2,6}}, e_{1,6}, e_{1,6},$$

$$2445. \ t_{e_{1,4},\,e_{2,4}} \lor t_{\neg e_{1,6},\,\neg e_{2,6}}, e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash e_{1,4} \lor t_{\neg e_{1,6},\,\neg e_{2,6}} \lor e_{2,4}$$

$$2446. \ t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,4},\,e_{2,4}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{1,4},\,e_{2,4}} \lor e_{2,4}$$

$$2447. \ t_{e_{1,4}, \, e_{2,4}} \lor t_{e_{1,5}, \, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, \, e_{2,5}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \vdash e_{1,5} \lor t_{e_{1,4}, \, e_{2,4}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}}$$

$$2448. \ t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,5},\,e_{2,5}}, \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,4},\,e_{2,4}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,5}$$

$$2449. \ t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,5},\,e_{2,5}}, \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{2,5} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$2450.\ t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,5},\,e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,\neg e_{2,3}}$$

$$2451. \ t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,5},\,e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,4},\,e_{2,4}} \lor t_{\neg e_{1,5},\,e_{2,5}}$$

$$2452. \ \ t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,5},\,e_{2,5}}, t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \vdash t_{e_{1,4},\,e_{2,4}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor e_{2,5}$$

$$2453. \ \ t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,4},\,e_{2,4}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,4},\,e_{2,4}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}}$$

$$2454. \ \ t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,5},\,e_{2,5}}, t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,4},\,e_{2,4}} \lor e_{2,5}$$

$$2455. \ t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash e_{1,5} \lor t_{e_{1,4},\,e_{2,4}} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2456. \ t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,5},\,e_{2,5}}, t_{e_{1,4},\,\neg e_{2,4}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,4},\,\neg e_{2,4}} \lor t_{e_{1,5},\,e_{2,5}} \lor e_{2,4}$$

$$2457. \ t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,5},\,e_{2,5}}, t_{e_{1,5},\,\neg e_{2,5}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \vdash t_{e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,4},\,e_{2,4}} \lor e_{2,5}$$

$$2458. \ \ t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{2,5}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \vdash t_{e_{1,4},\,e_{2,4}} \lor \neg t_{\neg e_{1,5},\,e_{2,5}} \lor e_{2,5}$$

2459.
$$t_{e_{1,4}, e_{2,4}} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,4}, e_{2,4}} \lor t_{e_{1,2}, e_{2,3}}$$

$$2460. \ t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,5},\,e_{2,5}}, e_{1,4} \lor t_{\neg e_{1,4},\,e_{2,4}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,4},\,e_{2,4}} \lor e_{1,4}$$

$$2461. \ t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,5},\,e_{2,5}}, e_{1,4} \lor \neg t_{e_{1,4},\,\neg e_{2,4}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,5},\,e_{2,5}} \lor e_{1,4} \lor \neg t_{e_{1,4},\,\neg e_{2,4}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor \neg t_{e_{1,4},\,e_{2,$$

$$2462.\ \ t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,5},\,e_{2,5}}, e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\,e_{2,5}} \lor e_{1,4} \lor e_{2,4}$$

$$2463. \ t_{e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}}, t_{\neg e_{1,3},\,e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$2464. \ \ t_{e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}}, t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$2465. \ t_{e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}}, \neg t_{e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,3}$$

$$2466.\ \ t_{e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}}, \neg t_{\neg e_{1,3},\,e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{2,3}$$

$$2467. \ t_{e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{2,3}$$

$$2468. \ t_{e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}}, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}$$

$$2469. \ t_{e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}}, t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{2,3}$$

$$2470. \ t_{e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}}, t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{2,3}$$

$$2471. \ t_{e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}}, t_{\neg e_{1,3},\,e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash t_{\neg e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$2472. \ t_{e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}}, t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,2},\,e_{2,3}} \lor e_{1,3} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$2473. \ t_{e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}, \neg t_{e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2474. \ \ t_{e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}}, \neg t_{\neg e_{1,3},\,e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg t_{\neg e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2},\,\neg e_{1,3}}, \neg t_{\neg e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{2,3}$$

$$2475. \ t_{e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,3},\,\neg e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$2476. \ t_{e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}}, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$2477. \ t_{e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}}, t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,2},\,e_{1,3}} \lor e_{2,3} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$2478. \ \ t_{e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}}, t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor e_{2,3} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \lor e_{2,4} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,4} \lor e_{2,4}$$

$$2479. \ t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, e_{1,3}}, \neg t_{e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor e_{1,2} \vdash \neg t_{e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}$$

$$2480.\ t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, e_{1,3}}, \neg t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}$$

$$2481. \ t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, e_{1,3}}, t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,2},\, e_{1,3}} \lor e_{1,2} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}$$

$$2482. \ t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, e_{1,3}}, \neg t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}$$

$$2483.\ t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, e_{1,3}}, \neg t_{e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \lor e_{1,3} \vdash \neg t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}$$

$$2484. \ t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, e_{1,3}}, t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{e_{1,2},\, e_{1,3}} \lor e_{1,2} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}$$

$$2485. \ t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, e_{1,3}}, \neg t_{e_{1,2},\, e_{1,3}} \lor e_{1,3} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$2486. \ t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, e_{1,3}}, \neg t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,3},\, e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}$$

$$2487. \ t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,6},\, e_{2,6}}, t_{e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,6},\, e_{2,6}} \lor e_{2,6} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,6}$$

$$2488. \ t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,6},\, e_{2,6}}, \neg t_{e_{1,6},\, e_{2,6}} \lor e_{2,6} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,6} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

2489.
$$t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,6}$$

$$2490. \ t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,6},\, e_{2,6}}, t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{1,6},\, e_{2,6}} \lor e_{1,6} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$2491. \ t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,6},\, e_{2,6}}, \neg t_{e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{2,6} \vdash t_{\neg e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,6}$$

$$2492. \ t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,6},\, e_{2,6}}, t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,6},\, e_{2,6}} \lor e_{2,6} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,6}$$

2493.
$$t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,6} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,6}$$

$$2494. \ t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,6},\, e_{2,6}}, \neg t_{e_{1,6},\, e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1$$

$$2495. \ t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,6},\, e_{2,6}}, \neg t_{e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{1,6} \vdash e_{1,6} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$2496. \ t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,6},\, e_{2,6}}, \neg t_{e_{1,6},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$2497. \ t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,6},\, e_{2,6}}, \neg t_{e_{1,6},\, e_{2,6}} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \lor e_{1,6} \vdash \neg t_{e_{1,6},\, \neg e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$2498. \ t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{e_{1,6}, \, e_{2,6}}, \neg t_{e_{1,6}, \, e_{2,6}} \lor t_{e_{1,2}, \, e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,2}, \, e_{2,3}} \lor e_{1,6} \lor t_{\neg e_{1,2}, \, e_{2,3}}$$

$$2499. \ t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2}, e_{1,3}} \lor \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \lor \neg$$

2500.
$$t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{1,5} \lor e_{1,3} \vdash e_{1,5} \lor t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}$$

$$2501. \ \ t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg e_{2,6} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg e_{2,6}$$

2502.
$$t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg e_{1,5} \vdash \neg e_{1,3} \lor t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{1,5}$$

$$2503. \ t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{2,3} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{2,3}$$

$$2504. \ \ t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_$$

$$2505. \ \ t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,3},\, e_{2,3}} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,3},\, e_{2,3}} \lor t_{e_$$

$$2506. \ \ t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}}$$

2507.
$$t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{2,5} \lor e_{2,3} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor e_{2,5} \lor e_{2,3}$$

$$2508. \ \ t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{1,3}$$

$$2509. \ \ t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{$$

$$2510. \ t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{1,3}}$$

2511.
$$t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{2,3} \lor e_{2,6} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor e_{2,3} \lor e_{2,6}$$

$$2512. \ \ t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{$$

$$2513. \ \ t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{$$

$$2514. \ \ t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,3},$$

$$2515. \ \ t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}}$$

$$2516. \ \ t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,5} \lor e_{1,3} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor \neg e_{1,5} \lor e_{1,3}$$

$$2517. \ t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{1,3}}$$

2518.
$$t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{1,5} \lor \neg e_{1,3} \vdash e_{1,5} \lor \neg e_{1,3} \lor t_{e_{1,3}, \neg e_{2,3}}$$

2519.
$$t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,6} \lor e_{1,3} \vdash \neg e_{1,6} \lor t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}$$

2520.
$$t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{2,5} \lor e_{2,3} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,5} \lor e_{2,3}$$

$$2521. \ \ t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \lor t_{$$

$$2522. \ t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,3},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \vdash t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}}$$

$$2523. \ t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor \neg$$

2524.
$$t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{1,6} \lor e_{1,3} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,6} \lor e_{1,3}$$

$$2525. \ \ t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg e_{2,5} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg e_{2,5}$$

$$2526. \ \ t_{e_{1,3}, \, \neg e_{2,3}} \lor e_{1,2}, \, \neg e_{1,2} \lor e_{2,3} \lor \neg e_{2,6} \vdash t_{e_{1,3}, \, \neg e_{2,3}} \lor e_{2,3} \lor \neg e_{2,6}$$

$$2527. \ t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, e$$

$$2528. \ \ t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{2,3} \lor e_{2,5} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor \neg e_{2,3} \lor e_{2,5}$$

$$2529. \ t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_$$

$$2530. \ t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \lor$$

$$2531. \ t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$2532. \ \ t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg e_{1,6} \vdash \neg e_{1,3} \lor \neg e_{1,6} \lor t_{e_{1,3},\, \neg e_{2,3}}$$

$$2533. \ \ t_{e_{1,3}, \, \neg e_{2,3}} \lor e_{1,2}, \, \neg e_{1,2} \lor \neg e_{2,3} \lor e_{2,6} \vdash t_{e_{1,3}, \, \neg e_{2,3}} \lor \neg e_{2,3} \lor e_{2,6}$$

2534.
$$t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,3} \lor e_{1,6} \vdash \neg e_{1,3} \lor t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,6}$$

$$2535. \ \ t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_$$

$$2536. \ \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,6},\,e_{2,6}}, \neg t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{1,2} \vdash t_{\neg e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{1,2}$$

$$2537. \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,6},\,e_{2,6}}, \neg t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \vdash t_{\neg e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$2538. \ \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,6},\,e_{2,6}}, t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,e_{1,3}} \lor e_{1,2} \vdash t_{\neg e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,2}$$

$$2539. \ \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,6},\,e_{2,6}}, \neg t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,3} \vdash t_{\neg e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}$$

$$2540. \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,6},\,e_{2,6}}, \neg t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,3} \vdash t_{\neg e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,3}$$

$$2541. \ \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,6},\,e_{2,6}}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,2},\,e_{1,3}} \lor e_{1,2} \vdash t_{\neg e_{1,6},\,e_{2,6}} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,2}$$

$$2542. \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,6},\,e_{2,6}}, \neg t_{e_{1,2},\,e_{1,3}} \lor e_{1,3} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{\neg e_{1,6},\,e_{2,6}} \lor e_{1,3} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$2543. \ \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,6},\,e_{2,6}}, \neg t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor e_{1,2} \vdash t_{\neg e_{1,6},\,e_{2,6}} \lor t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}$$

$$2544. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}}, t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{2,6}$$

$$2545. \ \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{2,6} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$2546. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,6} \lor t_{\neg e_{1,2},\,\neg e_{2,3}}$$

$$2547. \ t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$2548. \ \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,6} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,6}$$

$$2549. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}}, t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{2,6}$$

$$2550. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor e_{2,6} \vdash t_{e_{1,6},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{2,6}$$

$$2551. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}}$$

$$2552. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,6} \vdash e_{1,6} \lor t_{\neg e_{1,2},\,\neg e_{2,3}}$$

$$2553. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,6} \lor t_{\neg e_{1,2},\,\neg e_{2,3}}$$

$$2554. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor e_{1,6} \vdash \neg t_{e_{1,6},\,\neg e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2},\,\neg e_{2,3}}$$

$$2555. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,2},\,e_{2,3}} \lor e_{1,6} \lor t_{\neg e_{1,2},\,\neg e_{2,3}}$$

2556.
$$t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,6}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg e_{2,6} \vdash \neg e_{1,2} \lor \neg e_{2,3} \lor t_{e_{1,6}, \neg e_{2,6}}$$

$$2557. \ \ t_{e_{1,6},\, \neg e_{2,6}} \lor e_{2,6}, t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor \neg e_{2,6} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6},\, \neg$$

$$2558. \ t_{e_{1,6},\, \neg e_{2,6}} \lor e_{2,6}, \neg t_{e_{1,6},\, \neg e_{2,6}} \lor \neg e_{2,6} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$2559. \ t_{e_{1,6},\, \neg e_{2,6}} \lor e_{2,6}, \neg t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}}$$

2560.
$$t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,6}, \neg e_{1,6} \lor \neg e_{5,6} \lor \neg e_{2,6} \vdash \neg e_{1,6} \lor \neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}$$

$$2561. \ \ t_{e_{1,6},\, \neg e_{2,6}} \lor e_{2,6}, \neg t_{e_{1,6},\, \neg e_{2,6}} \lor t_{e_{1,6},\, e_{2,6}} \lor \neg e_{2,6} \vdash t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \lor t_{e_{1,6},\, e_{2,6}} \lor \neg e_{2,6} \lor \neg e_{2,6}$$

$$2562. \ t_{e_{1,6},\, \neg e_{2,6}} \lor e_{2,6}, \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,6} \vdash t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,6} \lor$$

$$2563. \ t_{e_{1,6},\, \neg e_{2,6}} \lor e_{2,6}, t_{e_{1,5},\, e_{2,5}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \vdash t_{e_{1,5},\, e_{2,5}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \lor \neg t_{e_{2,5$$

$$2564. \ t_{e_{1,6},\, \neg e_{2,6}} \lor e_{2,6}, \neg e_{2,6} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \vdash t_{e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{2,5},\, e_{2,5}} \lor \neg t_{e_{2,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5$$

$$2565. \ t_{e_{1,6},\, \neg e_{2,6}} \lor e_{2,6}, \neg e_{1,6} \lor \neg e_{4,6} \lor \neg e_{2,6} \vdash \neg e_{1,6} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor \neg e_{4,6}$$

$$2566. \ \ t_{e_{1,6},\, \neg e_{2,6}} \lor e_{2,6}, t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \vdash t_{e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{2,6},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \lor t$$

$$2567. \ t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,6}, t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}}$$

$$2568. \ \ t_{e_{1,6},\, \neg e_{2,6}} \lor e_{2,6}, t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \vdash t_{e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{2,6},\, e_{2,6}} \lor t_{\neg e_$$

$$2569. \ t_{e_{1,6},\,\neg e_{2,6}} \lor e_{2,6}, t_{e_{1,2},\,e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash t_{e_{1,6},\,\neg e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{2,5},\,\neg e$$

$$2570. \ t_{e_{1,6},\, \neg e_{2,6}} \lor e_{2,6}, e_{1,5} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg e_{2,6} \vdash e_{1,5} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{2,5},\, \neg e_{2$$

2571.
$$t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,6}, e_{5,6} \lor \neg e_{1,6} \lor \neg e_{2,6} \vdash e_{5,6} \lor \neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}}$$

$$2572. \ t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,6}, t_{e_{1,5}, \neg e_{2,5}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg$$

$$2573. \ t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,6}, t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg$$

$$2574. \ t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,6}, t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg$$

$$2575. \ t_{e_{1,6},\, \neg e_{2,6}} \lor e_{2,6}, t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \vdash t_{e_{1,6},\, \neg e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \lor t_{e_{2,5$$

$$2576. \ t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,6}, \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg t_{e_{2,5}, \neg e$$

2577.
$$t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,6}, \neg e_{2,3} \lor \neg e_{2,6} \lor e_{1,2} \vdash \neg e_{2,3} \lor t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,2}$$

2578.
$$t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,6}, e_{5,6} \lor e_{1,6} \lor \neg e_{2,6} \vdash e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6}$$

$$2579. \ t_{e_{1,6},\, \neg e_{2,6}} \lor e_{2,6}, \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{e_{1,2},\, e_{2,3}} \lor \neg e_{2,6} \vdash t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{e_{1,2},\, e_{2,3}} \lor \neg e_{2,6} \lor e_{$$

$$2580. \ t_{e_{1,6},\, \neg e_{2,6}} \lor e_{2,6}, \neg e_{4,6} \lor e_{1,6} \lor \neg e_{2,6} \vdash t_{e_{1,6},\, \neg e_{2,6}} \lor \neg e_{4,6} \lor e_{1,6}$$

$$2581. \ t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,6}, \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{2,6} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{2,6} \lor \neg e_{2,6}$$

2582.
$$t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,6}, \neg e_{1,6} \lor e_{4,6} \lor \neg e_{2,6} \vdash \neg e_{1,6} \lor e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}}$$

$$2583. \ t_{e_{1,6},\,\neg e_{2,6}} \lor e_{2,6}, t_{\neg e_{1,5},\,\neg e_{2,5}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6} \vdash t_{\neg e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}}$$

$$2584. \ t_{e_{1,6},\, \neg e_{2,6}} \lor e_{2,6}, \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor \neg e_{2,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \lor$$

$$2585. \ \ t_{e_{1,6},\, \neg e_{2,6}} \lor e_{2,6}, \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor \neg e_{2,6} \vdash t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}}$$

2586.
$$t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,6}, \neg e_{1,2} \lor e_{2,3} \lor \neg e_{2,6} \vdash \neg e_{1,2} \lor t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,3}$$

2587.
$$t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,6}, e_{2,3} \lor \neg e_{2,6} \lor e_{1,2} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,3} \lor e_{1,2}$$

$$2588. \ t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,6}, \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg e_{2,6} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$2589. \ t_{e_{1,6},\, \neg e_{2,6}} \lor e_{2,6}, \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,6} \vdash t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,6} \lor \neg e_{2,6} \lor e_{2,6}, \neg e_{2,6$$

$$2590. \ t_{e_{1,6},\, \neg e_{2,6}} \lor e_{2,6}, \neg e_{5,6} \lor e_{1,6} \lor \neg e_{2,6} \vdash \neg e_{5,6} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor e_{1,6}$$

$$2591. \ t_{e_{1,6},\, \neg e_{2,6}} \lor e_{2,6}, t_{e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6$$

2592.
$$t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,6}, e_{4,6} \lor e_{1,6} \lor \neg e_{2,6} \vdash e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6}$$

$$2593. \ \ t_{e_{1,6},\, \neg e_{2,6}} \lor e_{2,6}, \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor \neg e_{2,6} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

2594.
$$t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,6}, t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}}$$

$$2595. \ t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,6}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg e_{2,6} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,6}, \neg e_$$

$$2596. \ t_{e_{1,6},\, \neg e_{2,6}} \lor e_{2,6}, t_{e_{1,3},\, \neg e_{2,3}} \lor e_{2,3} \lor \neg e_{2,6} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor e_{2,3}$$

2597.
$$t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$2598. \ t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,5}, e_{2,5}}, \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$2599. \ t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,5}, e_{2,5}}, \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2600. \ t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_$$

2601.
$$t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,5}, e_{2,5}}$$

$$2602. \ t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,5}, \, e_{2,5}}, t_{\neg e_{1,2}, \, e_{1,3}} \lor \neg t_{e_{1,5}, \, e_{2,5}} \lor e_{2,5} \vdash t_{\neg e_{1,2}, \, e_{1,3}} \lor e_{2,5} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}}$$

$$2603. \ t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \vdash e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,5}, \neg e_{2,5}}$$

$$2604. \ t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,5}, e_{2,5}}, t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$2605. \ t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e$$

$$2606. \ t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,5}, e_{2,5}}, t_{e_{1,5}, \neg e_{2,5}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$2607. \ t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{2,5}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \vdash \neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{2,5} \lor e$$

2608.
$$t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$2609. \ \ e_{2,6} \lor t_{e_{1,2}, \, \lnot e_{1,3}}, \lnot e_{1,2} \lor \lnot e_{2,3} \lor \lnot e_{2,6} \vdash \lnot e_{1,2} \lor \lnot e_{2,3} \lor t_{e_{1,2}, \, \lnot e_{1,3}}$$

$$2610. \ \ e_{2,6} \lor t_{e_{1,2}, \lnot e_{1,3}}, t_{\lnot e_{1,2}, e_{1,3}} \lor \lnot t_{\lnot e_{1,6}, \lnot e_{2,6}} \lor \lnot e_{2,6} \vdash t_{\lnot e_{1,2}, e_{1,3}} \lor \lnot t_{\lnot e_{1,6}, \lnot e_{2,6}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

2611.
$$e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}}, \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2612. \ \ e_{2,6} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{\lnot e_{1,6}, \lnot e_{2,6}} \lor \lnot e_{2,6} \vdash \lnot t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{\lnot e_{1,6}, \lnot e_{2,6}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$2613. \ e_{2,6} \lor t_{e_{1,2}, \, \neg e_{1,3}}, \neg e_{1,6} \lor \neg e_{5,6} \lor \neg e_{2,6} \vdash \neg e_{1,6} \lor \neg e_{5,6} \lor t_{e_{1,2}, \, \neg e_{1,3}}$$

$$2614. \ e_{2,6} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot t_{e_{1,6}, \lnot e_{2,6}} \lor t_{e_{1,6}, e_{2,6}} \lor \lnot e_{2,6} \vdash \lnot t_{e_{1,6}, \lnot e_{2,6}} \lor t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$2615. \ e_{2,6} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{2,6} \vdash \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}} \lor t_{$$

$$2616. \ e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,5}, e_{2,5}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash t_{e_{1,5}, e_{2,5}} \lor t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$2617. \ e_{2,6} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{2,6} \lor t_{\lnot e_{1,5}, e_{2,5}} \lor \lnot t_{e_{2,5}, \lnot e_{2,6}} \vdash t_{e_{1,2}, \lnot e_{1,3}} \lor t_{\lnot e_{1,5}, e_{2,5}} \lor \lnot t_{e_{2,5}, \lnot e_{2,6}} \lor t_{e_{2,5}, \lnot e_{2$$

2618.
$$e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,6} \lor \neg e_{4,6} \lor \neg e_{2,6} \vdash \neg e_{1,6} \lor \neg e_{4,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2619. \ e_{2,6} \lor t_{e_{1,2}, \lnot e_{1,3}}, t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{2,6} \lor \lnot t_{e_{2,5}, \lnot e_{2,6}} \vdash t_{e_{1,2}, \lnot e_{1,3}} \lor t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{e_{2,5}, \lnot e_{2,6}} \lor t_{e_{2,5}, \lnot$$

$$2620. \ \ e_{2,6} \lor t_{e_{1,2}, \lnot e_{1,3}}, t_{\lnot e_{1,2}, e_{1,3}} \lor \lnot t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot e_{2,6} \vdash t_{\lnot e_{1,2}, e_{1,3}} \lor \lnot t_{e_{1,6}, \lnot e_{2,6}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$2621. \ e_{2,6} \lor t_{e_{1,2}, \lnot e_{1,3}}, t_{\lnot e_{1,2}, e_{2,3}} \lor \lnot e_{2,6} \lor \lnot t_{e_{2,5}, \lnot e_{2,6}} \vdash t_{e_{1,2}, \lnot e_{1,3}} \lor t_{\lnot e_{1,2}, e_{2,3}} \lor \lnot t_{e_{2,5}, \lnot e_{2,6}} \lor t_{e_{2,5}, \lnot e_{2$$

$$2622. \ e_{2,6} \lor t_{e_{1,2}, \lnot e_{1,3}}, t_{e_{1,2}, e_{2,3}} \lor \lnot e_{2,6} \lor \lnot t_{e_{2,5}, \lnot e_{2,6}} \vdash t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}} \lor \lnot t_{e_{2,5}, \lnot e_{2,6}}$$

$$2623. \ e_{2,6} \lor t_{e_{1,2}, \lnot e_{1,3}}, e_{1,5} \lor \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor \lnot e_{2,6} \vdash e_{1,5} \lor \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

2624.
$$e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}}, e_{5,6} \lor \neg e_{1,6} \lor \neg e_{2,6} \vdash e_{5,6} \lor \neg e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2625. \ e_{2,6} \lor t_{e_{1,2}, \lnot e_{1,3}}, t_{e_{1,5}, \lnot e_{2,5}} \lor \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor \lnot e_{2,6} \vdash t_{e_{1,5}, \lnot e_{2,5}} \lor \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor t_{e_{1,2}, \lnot e_{1,3}}, t_{e_{1,2}, \lnot e_{1,3}} \lor t_{e_{1,$$

$$2626. \ \ e_{2,6} \lor t_{e_{1,2}, \, \neg e_{1,3}}, t_{e_{1,2}, \, e_{1,3}} \lor \neg t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg e_{2,6} \vdash t_{e_{1,2}, \, e_{1,3}} \lor \neg t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{1,3}}$$

$$2627. \ e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}}, t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2628. \ e_{2,6} \lor t_{e_{1,2}, \lnot e_{1,3}}, t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{2,6} \lor \lnot t_{e_{2,5}, \lnot e_{2,6}} \vdash t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}} \lor \lnot t_{e_{2,5}, \lnot e_{2,6}} \lor \lnot t_{e_{2,5}, \lnot e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}} \lor \lnot t_{e_{2,5}, \lnot e_{2,6}} \lor t_{e_{2$$

$$2629. \ \ e_{2,6} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor \lnot e_{2,6} \lor \lnot t_{e_{2,5}, \lnot e_{2,6}} \vdash \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor t_{e_{1,2}, \lnot e_{1,3}} \lor \lnot t_{e_{2,5}, \lnot e_{2,6}} \lor t$$

2630.
$$e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}}, \neg e_{2,3} \lor \neg e_{2,6} \lor e_{1,2} \vdash \neg e_{2,3} \lor e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}}$$

2631.
$$e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}}, e_{5,6} \lor e_{1,6} \lor \neg e_{2,6} \vdash e_{5,6} \lor e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2632. \ e_{2,6} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor \lnot e_{2,6} \vdash \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$2633. \ e_{2,6} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{4,6} \lor e_{1,6} \lor \lnot e_{2,6} \vdash \lnot e_{4,6} \lor e_{1,6} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$2634. \ e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}}, \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{2,6} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

2635.
$$e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,6} \lor e_{4,6} \lor \neg e_{2,6} \vdash \neg e_{1,6} \lor e_{4,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2636. \ e_{2,6} \lor t_{e_{1,2}, \lnot e_{1,3}}, t_{\lnot e_{1,5}, \lnot e_{2,5}} \lor \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor \lnot e_{2,6} \vdash t_{\lnot e_{1,5}, \lnot e_{2,5}} \lor \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$2637. \ e_{2,6} \lor t_{e_{1,2}, \lnot e_{1,6}, \lnot e_{2,6}} \lor \lnot e_{2,6} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}} \vdash \lnot t_{\lnot e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$2638. \ e_{2,6} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot t_{\lnot e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{1,2}, \lnot e_{1,3}} \lor \lnot e_{2,6} \vdash \lnot t_{\lnot e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{1,2}, \lnot e_{1,3}} \lor t_{e_{1,2}, \lnot e_{1,3}} \lor t_{$$

$$2639. \ e_{2,6} \lor t_{e_{1,2},\, \lnot e_{1,3}}, \lnot e_{1,2} \lor e_{2,3} \lor \lnot e_{2,6} \vdash \lnot e_{1,2} \lor e_{2,3} \lor t_{e_{1,2},\, \lnot e_{1,3}}$$

$$2640. \ e_{2,6} \lor t_{e_{1,2}, \, \lnot e_{1,3}}, e_{2,3} \lor \lnot e_{2,6} \lor e_{1,2} \vdash e_{2,3} \lor e_{1,2} \lor t_{e_{1,2}, \, \lnot e_{1,3}}$$

$$2641. \ e_{2,6} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{1,2}, \lnot e_{1,3}} \lor \lnot e_{2,6} \vdash \lnot t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{1,2}, \lnot e_{1,3}} \lor t_{e_{1,2}, \lnot e_{1,3}} \lor t_{e_{1$$

$$2642. \ \ e_{2,6} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{2,6} \vdash \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor t_{e_{1,2}, \lnot e_{1,3}} \lor t_{e_$$

$$2643. \ e_{2,6} \lor t_{e_{1,2}, \, \lnot e_{1,3}}, \lnot e_{5,6} \lor e_{1,6} \lor \lnot e_{2,6} \vdash \lnot e_{5,6} \lor e_{1,6} \lor t_{e_{1,2}, \, \lnot e_{1,3}}$$

$$2644. \ \ e_{2,6} \lor t_{e_{1,2}, \lnot e_{1,3}}, t_{e_{1,2}, e_{1,3}} \lor \lnot t_{\lnot e_{1,6}, \lnot e_{2,6}} \lor \lnot e_{2,6} \vdash t_{e_{1,2}, e_{1,3}} \lor \lnot t_{\lnot e_{1,6}, \lnot e_{2,6}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$2645. \ e_{2,6} \lor t_{e_{1,2}, \lnot e_{1,3}}, e_{4,6} \lor e_{1,6} \lor \lnot e_{2,6} \vdash e_{4,6} \lor e_{1,6} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$2646. \ e_{2,6} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot t_{\lnot e_{1,6}, \lnot e_{2,6}} \lor \lnot e_{2,6} \lor t_{e_{1,2}, \lnot e_{1,3}} \vdash \lnot t_{\lnot e_{1,6}, \lnot e_{2,6}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$2647. \ e_{2,6} \lor t_{e_{1,2}, \lnot e_{1,3}}, t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot e_{2,6} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{e_{1,6}, \lnot e_{2,6}} \lor t_{e_{1,2}, \lnot e_{1,3}}, t_{e_{1,2}, \lnot e_{1,3}} \lor t_{e_{1,2}, \lnot e_{1,3}}, t_{e_{1,2}, \lnot e_{1,3}} \lor t_{e_{1,2}, \lnot e_{1,3}}, t_{e_{1,2}, \lnot e_{1,3}} \lor t_{e_{1,2}, \lnot e_{1,3}}, t_{e_{1,2},$$

2648.
$$e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg e_{2,6} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2649. \ e_{2,6} \lor t_{e_{1,2}, \lnot e_{1,3}}, t_{e_{1,3}, \lnot e_{2,3}} \lor e_{2,3} \lor \lnot e_{2,6} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$2650. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}}, t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,6}$$

$$2651. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,6} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$2652. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,6} \lor t_{\neg e_{1,2},\,\neg e_{1,3}}$$

$$2653. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}}, t_{\neg e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \vdash t_{\neg e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2},\,\neg e_{1,3}}$$

$$2654. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,6} \vdash t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,6}$$

$$2655. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}}, t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,6}$$

$$2656. \ \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor e_{2,6} \vdash t_{e_{1,6},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,6}$$

$$2657. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \vdash t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\,e_{2,6}}$$

$$2658. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,6} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{1,6}$$

$$2659. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,6} \lor t_{\neg e_{1,2},\,\neg e_{1,3}}$$

$$2660. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor e_{1,6} \vdash \neg t_{e_{1,6},\,\neg e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2},\,\neg e_{1,3}}$$

$$2661. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,2},\,e_{2,3}} \lor e_{1,6} \lor t_{\neg e_{1,2},\,\neg e_{1,3}}$$

$$2662. \ e_{1,5} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,5} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \vdash t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor$$

$$2663. \ e_{1,5} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,3} \lor \neg e_{1,5} \lor e_{1,2} \vdash \neg e_{1,3} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}$$

$$2664. \ e_{1,5} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}}$$

- $2665. \ e_{1,5} \lor t_{\neg e_{1,2},\, e_{2,3}}, e_{4,5} \lor \neg e_{1,5} \lor e_{2,5} \vdash e_{4,5} \lor e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}}$
- $2666. \ e_{1,5} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \lor t_{\neg e_{1,2},\, e_{2,3}}$
- $2667. \ e_{1,5} \lor t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg e_{1,5} \vdash \neg e_{1,2} \lor \neg e_{1,3} \lor t_{\neg e_{1,2}, \, e_{2,3}}$
- $2668. \ e_{1,5} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, e_{1,6}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}}$
- $2669. \ e_{1,5} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,5} \lor e_{1,3} \lor e_{1,2} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3} \lor e_{1,2}$
- $2670. \ e_{1,5} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \vdash \neg t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}}$
- $2671. \ e_{1,5} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,2}, e_{2,3}}$
- $2672. \ e_{1,5} \lor t_{\neg e_{1,2},\, e_{2,3}}, t_{\neg e_{1,2},\, e_{1,3}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, e_{1,6}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,5},\, e_{1,6}} \lor t_{\neg e_{1,2},\, e_{2,3}}$
- $2673. \ e_{1,5} \lor t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \, e_{2,5}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,5}, \, e_{2,5}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{1,2},$
- $2674. \ \ e_{1,5} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{$
- $2675. \ e_{1,5} \lor t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{1,5} \lor \neg e_{2,5} \lor \neg e_{4,5} \vdash \neg e_{2,5} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor \neg e_{4,5}$
- $2676. \ e_{1,5} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,5} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \vdash t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t$
- 2677. $e_{1,5} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{5,6} \lor \neg e_{1,5} \lor \neg e_{2,5} \vdash e_{5,6} \lor \neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}$
- 2678. $e_{1,5} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{5,6} \lor \neg e_{1,5} \lor e_{2,5} \vdash e_{5,6} \lor e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}$
- $2679. \ e_{1,5} \lor t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{1,5} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{\neg e_{1,5}, \, e_{1,6}} \vdash t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{\neg e_{1,5}, \, e_{1,6}} \lor t_{\neg e_{1,2}, \, e_{2,3}}$
- 2680. $e_{1,5} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{5,6} \lor \neg e_{1,5} \lor e_{2,5} \vdash \neg e_{5,6} \lor e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}$
- 2681. $e_{1,5} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,5} \lor e_{1,3} \vdash \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}$
- $2682. \ e_{1,5} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, e_{1,6}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}}$
- $2683. \ e_{1,5} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \lor e_{2,6} \vdash \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,6}$
- 2684. $e_{1,5} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{5,6} \lor \neg e_{1,5} \lor \neg e_{2,5} \vdash \neg e_{5,6} \lor \neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}$
- $2685. \ e_{1,5} \lor t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{1,5} \lor t_{e_{1,2}, \, e_{2,3}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{2,5}} \vdash t_{e_{1,2}, \, e_{2,3}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor \neg t_{\neg e_{1,2}, \, e_{2$
- $2686. \ e_{1,5} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \lor$
- $2687. \ e_{1,5} \lor t_{\neg e_{1,2},\, e_{2,3}}, t_{\neg e_{1,2},\, e_{1,3}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \lor t_{\neg e_{1,2},\, e_{2,3}}$
- $2688. \ e_{1,5} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,5} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \vdash t_{\neg e_{1,2},\, \neg e_{1,3}} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \lor t_{\neg e_{1,2},\, e_{2,3}}$
- $2689. \ \ e_{1,5} \lor t_{\neg e_{1,2},\, e_{2,3}}, t_{e_{1,2},\, e_{1,3}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \vdash t_{e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \lor t_{\neg e_{1,2},\, e_{2,3}}$
- $2690. \ e_{1,5} \lor t_{\neg e_{1,2},\, e_{2,3}}, t_{e_{1,5},\, e_{2,5}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \vdash t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}}$
- $2691. \ e_{1,5} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1$

$$2692. \ e_{1,5} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,5} \lor e_{2,5} \lor \neg e_{4,5} \vdash e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{4,5}$$

2693.
$$e_{1,5} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,5} \lor e_{4,5} \lor \neg e_{2,5} \vdash e_{4,5} \lor \neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$2694. \ e_{1,5} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$2695. \ e_{1,5} \lor t_{\neg e_{1,2},\, e_{2,3}}, t_{e_{1,2},\, e_{1,3}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, e_{1,6}} \vdash t_{e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,5},\, e_{1,6}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$2696. \ e_{1,5} \lor t_{\neg e_{1,2}, \, e_{2,3}}, t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \vdash t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \lor t_{\neg e_{1,2}, \, e_{2,3}}$$

$$2697. \ e_{1,5} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,5} \lor t_{e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \vdash t_{e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$2698. \ e_{1,5} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, e_{1,6}} \lor t_{e_{1,6},\, e_{2,6}} \vdash t_{e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,5},\, e_{1,6}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$2699. \ e_{1,5} \lor t_{\neg e_{1,2},\, e_{2,3}}, t_{e_{1,5},\, \neg e_{2,5}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$2700. \ e_{1,5} \lor t_{\neg e_{1,2},\, e_{2,3}}, t_{\neg e_{1,5},\, \neg e_{2,5}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \vdash t_{\neg e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$2701. \ e_{1,5} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor \neg e_{1,5} \vdash \neg e_{1,3} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

2702.
$$e_{1,5} \lor t_{\neg e_{1,2}, e_{2,3}}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{1,5} \lor e_{1,3} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}$$

$$2703.\ \ t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,6},\,\neg e_{2,6}}, \neg t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{1,2} \vdash t_{e_{1,6},\,\neg e_{2,6}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{1,2}$$

$$2704. \ t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,6},\,\neg e_{2,6}}, \neg t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,6},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$2705. \ t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,6},\,\neg e_{2,6}}, t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,e_{1,3}} \lor e_{1,2} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor e_{1,2}$$

$$2706. \ t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,6},\,\neg e_{2,6}}, \neg t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,6},\,\neg e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}$$

$$2707. \ t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,6},\,\neg e_{2,6}}, \neg t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,3} \vdash t_{e_{1,6},\,\neg e_{2,6}} \lor \neg t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,3}$$

$$2708. \ t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,6},\,\neg e_{2,6}}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,2},\,e_{1,3}} \lor e_{1,2} \vdash t_{e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor e_{1,2}$$

2709.
$$t_{e_{1,2},e_{1,3}} \lor t_{e_{1,6},\neg e_{2,6}}, \neg t_{e_{1,2},e_{1,3}} \lor e_{1,3} \lor t_{e_{1,2},\neg e_{1,3}} \vdash t_{e_{1,6},\neg e_{2,6}} \lor e_{1,3} \lor t_{e_{1,2},\neg e_{1,3}}$$

$$2710. \ \ t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,6},\,\neg e_{2,6}}, \neg t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,6},\,\neg e_{2,6}} \lor t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}$$

2711.
$$e_{1,3} \lor t_{e_{1,2},e_{2,3}}, \neg e_{1,3} \lor \neg e_{1,5} \lor e_{1,2} \vdash \neg e_{1,5} \lor t_{e_{1,2},e_{2,3}} \lor e_{1,2}$$

2712.
$$e_{1,3} \lor t_{e_{1,2},e_{2,3}}, \neg t_{e_{1,2},e_{2,3}} \lor \neg t_{\neg e_{1,2},e_{2,3}} \lor e_{2,3} \vdash \neg t_{\neg e_{1,2},e_{2,3}} \lor e_{1,3} \lor e_{2,3}$$

2713.
$$e_{1,3} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg e_{1,5} \vdash \neg e_{1,2} \lor \neg e_{1,5} \lor t_{e_{1,2}, e_{2,3}}$$

2714.
$$e_{1,3} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg e_{3,5} \vdash \neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}} \lor \neg e_{3,5}$$

2715.
$$e_{1,3} \lor t_{e_{1,2},e_{2,3}}, \neg e_{1,3} \lor \neg t_{\neg e_{1,3},e_{2,3}} \lor t_{e_{1,3},e_{2,3}} \vdash \neg t_{\neg e_{1,3},e_{2,3}} \lor t_{e_{1,2},e_{2,3}} \lor t_{e_{1$$

$$2716. \ e_{1,3} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,3} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2$$

2717.
$$e_{1,3} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,3} \lor e_{1,6} \lor e_{1,2} \vdash t_{e_{1,2},\,e_{2,3}} \lor e_{1,6} \lor e_{1,2}$$

$$2718. \ e_{1,3} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,3} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \vdash \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}}$$

2719.
$$e_{1,3} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,3} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2720. \ e_{1,3} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,3},\,\neg e_{2,3}} \vdash \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,e_{2,$$

$$2721. \ e_{1,3} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \vdash \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},$$

$$2722. \ e_{1,3} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,3},\,e_{2,3}} \vdash t_{\neg e_{1,3},\,e_{2,3}} \lor \neg t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}}$$

$$2723. \ e_{1,3} \lor t_{e_{1,2},\,e_{2,3}}, \neg t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$2724. \ e_{1,3} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,3},\,e_{2,3}} \vdash \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,e_{2,$$

2725.
$$e_{1,3} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{1,3} \lor \neg e_{3,6} \lor \neg e_{2,3} \vdash \neg e_{3,6} \lor \neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}}$$

$$2726. \ e_{1,3} \lor t_{e_{1,2},\,e_{2,3}}, \neg t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,2} \vdash t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

2727.
$$e_{1,3} \lor t_{e_{1,2},e_{2,3}}, \neg e_{1,3} \lor e_{1,5} \lor e_{1,2} \vdash e_{1,5} \lor t_{e_{1,2},e_{2,3}} \lor e_{1,2}$$

$$2728. \ e_{1,3} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,3} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \vdash \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}}$$

2729.
$$e_{1,3} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{1,3} \lor \neg e_{1,6} \lor e_{1,2} \vdash \neg e_{1,6} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,2}$$

$$2730. \ e_{1,3} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,3} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \vdash \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2$$

$$2731. \ e_{1,3} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e$$

2732.
$$e_{1,3} \lor t_{e_{1,2},e_{2,3}}, \neg e_{1,3} \lor \neg e_{3,6} \lor e_{2,3} \vdash \neg e_{3,6} \lor t_{e_{1,2},e_{2,3}} \lor e_{2,3}$$

2733.
$$e_{1,3} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,2} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$2734. \ e_{1,3} \lor t_{e_{1,2},\,e_{2,3}}, \neg t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{2,3}$$

2735.
$$e_{1,3} \lor t_{e_{1,2},e_{2,3}}, \neg e_{1,3} \lor e_{3,5} \lor \neg e_{2,3} \vdash e_{3,5} \lor \neg e_{2,3} \lor t_{e_{1,2},e_{2,3}}$$

$$2736. \ e_{1,3} \lor t_{e_{1,2},\,e_{2,3}}, \neg t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

2737.
$$e_{1,3} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{1,3} \lor \neg e_{3,5} \lor e_{2,3} \vdash t_{e_{1,2}, e_{2,3}} \lor \neg e_{3,5} \lor e_{2,3}$$

2738.
$$e_{1,3} \lor t_{e_{1,2},e_{2,3}}, \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\neg e_{2,3}} \lor e_{1,2} \vdash \neg t_{\neg e_{1,3},\neg e_{2,3}} \lor t_{e_{1,2},e_{2,3}} \lor e_{1,2}$$

$$2739. \ e_{1,3} \lor t_{e_{1,2},\,e_{2,3}}, \neg t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,3} \vdash t_{e_{1,2},\,e_{1,3}} \lor e_{1,3} \lor e_{2,3}$$

$$2740. \ e_{1,3} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \vdash t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,3},\,e_{2,3}}$$

2741.
$$e_{1,3} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor e_{1,5} \lor \neg e_{1,3} \vdash \neg e_{1,2} \lor e_{1,5} \lor t_{e_{1,2}, e_{2,3}}$$

$$2742. \ e_{1,3} \lor t_{e_{1,2},e_{2,3}}, \neg e_{1,3} \lor \neg t_{e_{1,2},\neg e_{1,3}} \lor t_{e_{1,2},\neg e_{1,3}} \vdash \neg t_{e_{1,2},\neg e_{1,3}} \lor t_{e_{1,2},e_{2,3}} \lor t_{e_{1,2},\neg e_{1,3}} \lor t_{e_{1,2},e_{2,3}} \lor t$$

2743.
$$e_{1,3} \lor t_{e_{1,2}, e_{2,3}}, t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{1,3} \lor e_{2,3}$$

$$2744. \ e_{1,3} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,3},\,\neg e_{2,3}} \vdash \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}}$$

2745.
$$e_{1,3} \lor t_{e_{1,2},e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor e_{3,6} \vdash \neg e_{2,3} \lor t_{e_{1,2},e_{2,3}} \lor e_{3,6}$$

$$2746. \ e_{1,3} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,3} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \vdash \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,$$

$$2747. \ e_{1,3} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,3} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}}$$

$$2748. \ e_{1,3} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \vdash \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,$$

$$2749. \ e_{1,3} \lor t_{e_{1,2},\, e_{2,3}}, \neg e_{1,3} \lor e_{3,6} \lor e_{2,3} \vdash t_{e_{1,2},\, e_{2,3}} \lor e_{3,6} \lor e_{2,3}$$

$$2750. \ e_{1,3} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,3} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \vdash \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{2,3}$$

2751.
$$e_{1,3} \lor t_{e_{1,2},e_{2,3}}, \neg e_{1,3} \lor e_{3,5} \lor e_{2,3} \vdash e_{3,5} \lor t_{e_{1,2},e_{2,3}} \lor e_{2,3}$$

$$2752. \ e_{1,3} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_$$

2753.
$$e_{1,3} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg e_{1,6} \vdash \neg e_{1,2} \lor \neg e_{1,6} \lor t_{e_{1,2}, e_{2,3}}$$

$$2754. \ e_{1,3} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,3} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \vdash \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}}$$

2755.
$$e_{1,3} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor e_{1,6} \vdash \neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,6}$$

$$2756. \ e_{1,3} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,3} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{2,2},\,\neg e$$

$$2757. \ e_{1,3} \lor t_{e_{1,2},\,e_{2,3}}, t_{e_{1,2},\,e_{1,3}} \lor \neg e_{1,3} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,2},\,e_{2,$$

$$2758. \ e_{1,3} \lor t_{e_{1,2},e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,3},\neg e_{2,3}} \lor \neg e_{1,5} \vdash t_{e_{1,3},\neg e_{2,3}} \lor \neg e_{1,5} \lor t_{e_{1,2},e_{2,3}}$$

$$2759. \ e_{1,3} \lor t_{e_{1,2},\,e_{2,3}}, e_{1,5} \lor \neg e_{1,3} \lor t_{e_{1,3},\,\neg e_{2,3}} \vdash e_{1,5} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}}$$

$$2760. \ e_{1,3} \lor t_{e_{1,2},\, e_{2,3}}, \neg e_{1,3} \lor \neg e_{1,6} \lor t_{e_{1,3},\, \neg e_{2,3}} \vdash \neg e_{1,6} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}}$$

2761.
$$e_{1,3} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,6}$$

2762.
$$e_{1,3} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{1,3} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}$$

$$2763. \ e_{1,3} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg e_{1,2} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2764. \ e_{1,3} \lor t_{e_{1,2},e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,3},\neg e_{2,3}} \lor t_{\neg e_{1,2},e_{2,3}} \vdash t_{e_{1,3},\neg e_{2,3}} \lor t_{e_{1,2},e_{2,3}} \lor t_{\neg e_{1,2},e_{2,3}} \lor t_{$$

$$2765. \ e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}} \vdash \neg t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

2766.
$$e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,3} \lor \neg e_{1,5} \lor e_{1,2} \vdash \neg e_{1,3} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$2767. \ e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{\neg e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_$$

2768.
$$e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, e_{4,5} \lor \neg e_{1,5} \lor e_{2,5} \vdash e_{4,5} \lor e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$2769. \ e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor t_{\neg e_{1,5},$$

$$2770. \ e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg e_{1,5} \vdash \neg e_{1,2} \lor \neg e_{1,3} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$2771. \ e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \, e_{1,6}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,5}, \, e_{1,6}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,5}, \, e_{1,6}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2},$$

$$2772. \ e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,5} \lor e_{1,3} \lor e_{1,2} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$2773. \ e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}} \vdash \neg t_{\neg e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}} \lor \neg t_{\neg e_{1,5}, \neg e_{2$$

$$2774. \ e_{1,5} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor t_{\neg e_{1,2}, \, e_{2,3}}$$

$$2775. \ e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, t_{\neg e_{1,2}, e_{1,3}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, e_{1,6}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{\neg e_{1,5}, e_{1,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$2776. \ e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,5}, e_{2,5}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,$$

2777.
$$e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5}, e_{2,5}}$$

$$2778. \ e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,5} \lor \neg e_{2,5} \lor \neg e_{4,5} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \lor \neg e_{4,5}$$

$$2779. \ e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}}$$

$$2780. \ e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, e_{5,6} \lor \neg e_{1,5} \lor \neg e_{2,5} \vdash e_{5,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5}$$

2781.
$$e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, e_{5,6} \lor \neg e_{1,5} \lor e_{2,5} \vdash e_{5,6} \lor e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$2782. \ e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,5} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,5}, e_{1,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,5}, e_{1,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

2783.
$$e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{5,6} \lor \neg e_{1,5} \lor e_{2,5} \vdash \neg e_{5,6} \lor e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

2784.
$$e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,5} \lor e_{1,3} \vdash \neg e_{1,2} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

$$2785. \ e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, e_{1,6}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1$$

$$2786. \ e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$2787. \ e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{5,6} \lor \neg e_{1,5} \lor \neg e_{2,5} \vdash \neg e_{5,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5}$$

$$2788. \ e_{1,5} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}}, \neg e_{1,5} \lor t_{e_{1,2}, \, e_{2,3}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{2,5}} \vdash t_{e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{2,5}} \vdash t_{e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{2,5}} \vdash t_{e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{2,5}} \vdash t_{e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{2,5}} \vdash t_{e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, \neg e_{2,5}} \lor t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor$$

$$2789. \ e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$2790. \ e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, t_{\neg e_{1,2}, e_{1,3}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}}$$

$$2791. \ e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor t_{\neg e_{1,5},$$

$$2792. \ e_{1,5} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}}, t_{e_{1,2}, \, e_{1,3}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \vdash t_{e_{1,2}, \, e_{1,3}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}}$$

$$2793. \ e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, t_{e_{1,5}, e_{2,5}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \vdash t_{e_{1,5}, e_{2,5}} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$2794. \ \ e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash \neg t_{\neg e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,5}, e_{2,5}} \lor t_{\neg$$

$$2795. \ e_{1,5} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}}, \neg e_{1,5} \lor e_{2,5} \lor \neg e_{4,5} \vdash e_{2,5} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor \neg e_{4,5}$$

$$2796. \ e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,5} \lor e_{4,5} \lor \neg e_{2,5} \vdash e_{4,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5}$$

$$2797. \ e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2798. \ e_{1,5} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}}, t_{e_{1,2}, \, e_{1,3}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \, e_{1,6}} \vdash t_{e_{1,2}, \, e_{1,3}} \lor \neg t_{\neg e_{1,5}, \, e_{1,6}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}}$$

$$2799. \ e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, t_{\neg e_{1,6}, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}}$$

$$2800. \ e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,5} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \vdash t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{$$

$$2801. \ e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, e_{1,6}} \lor t_{e_{1,6}, e_{2,6}} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6$$

$$2802. \ e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, t_{e_{1,5}, \neg e_{2,5}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}}$$

$$2803. \ e_{1,5} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}}, t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \, \neg e_{2,5}} \vdash t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{2,5}}$$

$$2804. \ \ e_{1,5} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,3}, \, \neg e_{2,3}} \lor \neg e_{1,5} \vdash \neg e_{1,3} \lor t_{e_{1,3}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,3}, \, \neg e_{$$

2805.
$$e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{1,5} \lor e_{1,3} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

$$2806. \ \ e_{1,5} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}}, \neg e_{1,5} \lor t_{e_{1,2}, \, e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor e_{1,2}$$

$$2807. \ e_{1,5} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,5} \lor t_{e_{1,2}, \, e_{2,3}} \vdash \neg e_{1,2} \lor t_{e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}}$$

$$2808. \ e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{1,5} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_$$

$$2809. \ \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{1,3}}, t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor e_{2,6}$$

2810.
$$t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2811. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{1,3}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,6}$$

$$2812. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{1,3}}, t_{\neg e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \vdash t_{\neg e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,6}$$

$$2813. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{1,3}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,6} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,6}$$

$$2814. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{1,3}}, t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor e_{2,6}$$

$$2815. \ \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{1,3}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor e_{2,6} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor e_{2,6}$$

$$2816. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{1,3}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \lor \neg$$

2817.
$$t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$2818. \ \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{1,3}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,6} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,6}$$

$$2819. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{1,3}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor e_{1,6} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor e_{1,6}$$

$$2820. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{1,3}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,6} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,6}$$

$$2821. \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}}, \neg t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{1,2} \lor e_{1$$

$$2822. \ \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}}, \neg t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{1,3}$$

$$2823. \ \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}}, t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,e_{1,3}} \lor e_{1,2} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{1,2}$$

$$2824. \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}}, \neg t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{1,3}$$

$$2825. \ \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}}, \neg t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,3} \vdash t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,3} \lor e_{1,3} \lor e_{1,3} \lor e_{1,4} \lor$$

$$2826. \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,2},\,e_{1,3}} \lor e_{1,2} \vdash t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{1,2}$$

$$2827. \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}}, \neg t_{e_{1,2},\,e_{1,3}} \lor e_{1,3} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{1,3} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor e_{1,4} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor e_{1,4} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor e_{1,4} \lor t_{e_{1,4},\,\neg e_{1,4}} \lor e_{1,4} \lor$$

$$2828. \ \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}}, \neg t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{1,2}$$

$$2829. \ t_{e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,3},\,\neg e_{2,3}}, t_{\neg e_{1,3},\,e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor e_{1,3}$$

$$2830. \ \ t_{e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,3},\,\neg e_{2,3}}, t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}$$

$$2831. \ t_{e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,3},\,\neg e_{2,3}}, \neg t_{e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,3} \vdash t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,3}$$

$$2832. \ \ t_{e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,3},\,\neg e_{2,3}}, \neg t_{\neg e_{1,3},\,e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash t_{\neg e_{1,3},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,3},\,e_{2,3}} \lor e_{2,3}$$

$$2833. \ \ t_{e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,3},\,\neg e_{2,3}}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor e_{2,3}$$

$$2834. \ t_{e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,3},\,\neg e_{2,3}}, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash t_{\neg e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}$$

$$2835. \ \ t_{e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,3},\,\neg e_{2,3}}, t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,3},\,\neg e_{2,3}} \lor e_{2,3}$$

$$2836. \ \ t_{e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,3},\,\neg e_{2,3}}, t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor e_{2,3}$$

$$2837. \ t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2838. \ t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,5}, e_{2,5}}, \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}}$$

2839.
$$t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,5}, e_{2,5}}, \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2840. \ t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2841. \ t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor t_{\neg e_{1,5}, e_{2,5}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2842. \ t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,5}, e_{2,5}}, t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2843. \ t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

2844.
$$t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,5}, e_{2,5}}, t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2845. \ \ t_{e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash e_{1,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$2846. \ t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,5}, e_{2,5}}, t_{e_{1,5}, \neg e_{2,5}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2847. \ t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{2,5}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \vdash \neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2848. \ t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2849. \ \ t_{e_{1,4},\, \neg e_{2,4}} \lor t_{e_{1,4},\, e_{2,4}}, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor \neg t_{e_{1,4},\, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,4},\, \neg e_{2,4}} \lor \neg t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,4}$$

$$2850. \ t_{e_{1,4},\, \neg e_{2,4}} \lor t_{e_{1,4},\, e_{2,4}}, t_{e_{1,4},\, \neg e_{2,4}} \lor \neg t_{e_{1,4},\, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,4},\, \neg e_{2,4}} \lor e_{2,4}$$

$$2851. \ t_{e_{1,4},\, \neg e_{2,4}} \lor t_{e_{1,4},\, e_{2,4}}, e_{1,4} \lor t_{\neg e_{1,4},\, e_{2,4}} \lor \neg t_{e_{1,4},\, e_{2,4}} \vdash t_{e_{1,4},\, \neg e_{2,4}} \lor t_{\neg e_{1,4},\, e_{2,4}} \lor e_{1,4}$$

$$2852. \ \ t_{e_{1,4},\, \neg e_{2,4}} \lor t_{e_{1,4},\, e_{2,4}}, e_{1,4} \lor \neg t_{e_{1,4},\, \neg e_{2,4}} \lor \neg t_{e_{1,4},\, e_{2,4}} \vdash t_{e_{1,4},\, \neg e_{2,4}} \lor e_{1,4} \lor \neg t_{e_{1,4},\, \neg e_{2,4$$

$$2853. \ t_{e_{1,4},\, \neg e_{2,4}} \lor t_{e_{1,4},\, e_{2,4}}, e_{1,4} \lor \neg t_{e_{1,4},\, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,4},\, \neg e_{2,4}} \lor e_{1,4} \lor e_{2,4}$$

$$2854. \ \ t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,5},\,\neg e_{2,5}}, \neg t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor e_{2,3} \vdash t_{\neg e_{1,5},\,\neg e_{2,5}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor e_{2,3}$$

$$2855. \ \ t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,5},\,\neg e_{2,5}}, \neg t_{e_{1,2},\,e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{\neg e_{1,5},\,\neg e_{2,5}} \lor e_{2,3} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$2856. \ \ t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,5},\,\neg e_{2,5}}, \neg t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,5},\,\neg e_{2,5}} \lor e_{1,2}$$

$$2857. \ \ t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,5},\,\neg e_{2,5}}, \neg t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,2} \vdash t_{\neg e_{1,5},\,\neg e_{2,5}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,2}$$

$$2858. \ \ t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,5},\,\neg e_{2,5}}, \neg t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor e_{1,2} \vdash t_{\neg e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,5},\,\neg e_{2,5}} \lor e_{1,2}$$

$$2859. \ \ t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,5},\,\neg e_{2,5}}, \neg t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{2,3} \vdash t_{\neg e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{2,3}$$

$$2860. \ \ t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,5},\,\neg e_{2,5}}, \neg t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor e_{1,2} \vdash t_{\neg e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}$$

$$2861. \ \ t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,5},\,\neg e_{2,5}}, \neg t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,3} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{2,5}} \lor e_{2,3}$$

$$2862. \ \ t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,5},\,\neg e_{2,5}}, t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{2,5}} \lor e_{2,3}$$

$$2863. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\lnot e_{1,5},\,e_{2,5}}, t_{e_{1,2},\,e_{1,3}} \lor \lnot t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\lnot e_{1,5},\,e_{2,5}} \lor e_{2,6}$$

$$2864. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,5},\,e_{2,5}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{\neg e_{1,5},\,e_{2,5}} \lor e_{2,6} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$2865. \ \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,5},\,e_{2,5}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,6} \lor t_{\neg e_{1,5},\,e_{2,5}}$$

$$2866. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,5},\,e_{2,5}}, t_{\neg e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \vdash t_{\neg e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,5},\,e_{2,5}}$$

$$2867. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,5},\,e_{2,5}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,6} \vdash e_{2,6} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,5},\,e_{2,5}}$$

$$2868. \ \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,5},\,e_{2,5}}, t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{2,5}} \lor e_{2,6}$$

$$2869. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,5},\,e_{2,5}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor e_{2,6} \vdash t_{e_{1,6},\,\neg e_{2,6}} \lor t_{\neg e_{1,5},\,e_{2,5}} \lor e_{2,6}$$

$$2870. \ t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,5}, e_{2,5}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

$$2871. \ t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,5}, e_{2,5}}, \neg t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \vdash e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,5}, e_{2,5}}$$

$$2872. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,5},\,e_{2,5}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,6} \lor t_{\neg e_{1,5},\,e_{2,5}}$$

$$2873. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,5},\,e_{2,5}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor e_{1,6} \vdash \neg t_{e_{1,6},\,\neg e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,5},\,e_{2,5}}$$

$$2874. \ t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,5}, e_{2,5}}, \neg t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,2}, e_{2,3}} \lor e_{1,6} \lor t_{\neg e_{1,5}, e_{2,5}}$$

$$2875. \ \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{2,3} \lor t_{e_{1,2}, \lnot e_{1,3}} \vdash \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2$$

$$2876. \ \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot t_{\lnot e_{1,3}, \lnot e_{2,3}} \lor \lnot e_{2,3} \lor \lnot t_{e_{1,3}, \lnot e_{2,3}} \vdash \lnot t_{\lnot e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,3}, \lnot e_{2,3}} \lor$$

$$2877. \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{2,3} \lor \lnot t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, \lnot e_{2,3}} \vdash \lnot t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, \lnot e$$

$$2878. \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot t_{\lnot e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,3}, \lnot e_{2,3}} \lor \lnot e_{2,3} \vdash \lnot t_{\lnot e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{$$

$$2879. \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,2} \lor \lnot e_{2,3} \lor \lnot e_{2,6} \vdash \lnot e_{1,2} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{2,6}$$

$$2880. \ \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,3} \lor \lnot e_{2,3} \lor \lnot e_{3,5} \vdash \lnot e_{1,3} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{3,5}$$

$$2881. \ e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, t_{e_{1,2}, e_{1,3}} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \lor \neg$$

$$2882. \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{2,3} \lor \lnot t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, \lnot e_{1,3}} \vdash \lnot t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, \lnot e_{1,3}} \lor t_{\lnot e_{1,2}, \lnot e$$

2883.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{3,5} \lor \neg e_{2,3} \lor e_{1,3} \vdash e_{3,5} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

2884.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,3} \lor \neg e_{3,6} \lor \neg e_{2,3} \vdash \neg e_{1,3} \lor \neg e_{3,6} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$2885. \ e_{2,3} \lor t_{e_{1,2}, \, \lnot e_{2,3}}, \lnot e_{2,3} \lor e_{1,2} \lor e_{2,6} \vdash t_{e_{1,2}, \, \lnot e_{2,3}} \lor e_{1,2} \lor e_{2,6}$$

$$2886. \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}} \vdash t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{$$

$$2887. \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{2,3} \lor \lnot t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e_{2,3}} \vdash \lnot t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e_{2,3}} \lor t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot$$

$$2888. \ e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1$$

$$2889. \ e_{2,3} \lor t_{e_{1,2}, \, \lnot e_{2,3}}, \, \lnot e_{2,3} \lor \lnot e_{3,5} \lor e_{1,3} \vdash t_{e_{1,2}, \, \lnot e_{2,3}} \lor \lnot e_{3,5} \lor e_{1,3}$$

$$2890. \ \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, t_{e_{1,3}, \lnot e_{2,3}} \lor \lnot e_{2,3} \lor \lnot t_{e_{1,3}, \lnot e_{2,3}} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor \lnot t_{e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2$$

2891.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,3} \lor e_{2,5} \lor e_{1,2} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,5} \lor e_{1,2}$$

$$2892. \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot t_{\lnot e_{1,3}, \lnot e_{2,3}} \lor \lnot e_{2,3} \lor e_{1,2} \vdash \lnot t_{\lnot e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor e_{1,2}$$

2893.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,3} \lor e_{3,5} \lor \neg e_{2,3} \vdash \neg e_{1,3} \lor e_{3,5} \lor t_{e_{1,2}, \neg e_{2,3}}$$

2894.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,3} \lor \neg e_{2,6} \lor e_{1,2} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,6} \lor e_{1,2}$$

$$2895. \ e_{2,3} \lor t_{e_{1,2}, \, \lnot e_{2,3}}, \, \lnot e_{2,3} \lor e_{3,6} \lor e_{1,3} \vdash t_{e_{1,2}, \, \lnot e_{2,3}} \lor e_{3,6} \lor e_{1,3}$$

$$2896. \ \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot t_{\lnot e_{1,3}, \lnot e_{2,3}} \lor \lnot e_{2,3} \lor t_{e_{1,2}, \lnot e_{1,3}} \vdash \lnot t_{\lnot e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_$$

2897.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor e_{3,6} \vdash \neg e_{1,3} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{3,6}$$

$$2898. \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{2,3} \lor t_{e_{1,3}, e_{2,3}} \lor \lnot t_{e_{1,3}, \lnot e_{2,3}} \vdash t_{e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,3}, \lnot$$

$$2899. \ \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{2,3} \lor \lnot t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor e_{1,3} \vdash \lnot t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor e_{1,3}$$

2900.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg e_{2,5} \vdash \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5}$$

$$2901. \ \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot t_{\lnot e_{1,3}, \lnot e_{2,3}} \lor \lnot e_{2,3} \lor t_{\lnot e_{1,2}, \lnot e_{1,3}} \vdash \lnot t_{\lnot e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, \lnot e_{1,3}} \lor t_{\lnot e_{1,2}, \lnot$$

$$2902. \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, t_{e_{1,2}, e_{1,3}} \lor \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{2,3} \vdash t_{e_{1,2}, e_{1,3}} \lor \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e$$

2903.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor e_{2,5} \vdash \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,5}$$

2904.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{3,6} \lor \neg e_{2,3} \lor e_{1,3} \vdash \neg e_{3,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

$$2905. \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot t_{\lnot e_{1,3}, \lnot e_{2,3}} \lor \lnot e_{2,3} \lor t_{\lnot e_{1,3}, e_{2,3}} \vdash \lnot t_{\lnot e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1$$

$$2906. \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{2,3} \lor \lnot t_{\lnot e_{1,2}, \lnot e_{2,3}} \vdash \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{$$

2907.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor e_{2,6} \vdash \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,6}$$

$$2908. \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{2,3} \lor t_{e_{1,2}, e_{2,3}} \vdash \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \lnot e$$

$$2909. \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{2,3} \lor \lnot e_{2,5} \lor e_{1,2} \vdash t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{2,5} \lor e_{1,2}$$

$$2910. \ \ e_{2,3} \lor t_{e_{1,2}, \, \neg e_{2,3}}, \, \neg e_{2,3} \lor t_{\neg e_{1,2}, \, e_{1,3}} \lor \neg t_{e_{1,3}, \, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \, e_{1,3}} \lor \neg t_{e_{1,3}, \, \neg e_{2,3}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{e_{1,2$$

$$2911. \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, t_{e_{1,3}, \lnot e_{2,3}} \lor \lnot e_{2,3} \lor \lnot e_{2,6} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{2,6}$$

$$2912. \ e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg e_{2,5} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5}$$

2913.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor e_{2,5} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,5}$$

2914.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor e_{2,6} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,6}$$

$$2915. \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,2} \lor \lnot e_{2,3} \lor t_{e_{1,6}, \lnot e_{2,6}} \vdash \lnot e_{1,2} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}}$$

$$2916. \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{2,3} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor e_{1,2} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor e_{1,2}$$

$$2917. \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, t_{e_{1,3}, \lnot e_{2,3}} \lor \lnot e_{2,3} \lor t_{e_{1,6}, \lnot e_{2,6}} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{2,3}, \lnot e$$

2918.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2919. \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{2,3} \lor e_{1,2} \lor t_{e_{1,2}, \lnot e_{1,3}} \vdash t_{e_{1,2}, \lnot e_{2,3}} \lor e_{1,2} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$2920. \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, t_{e_{1,3}, \lnot e_{2,3}} \lor \lnot e_{2,3} \lor t_{e_{1,2}, \lnot e_{1,3}} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$2921. \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{2,3} \lor t_{e_{1,2}, e_{2,3}} \lor \lnot e_{3,5} \vdash t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{3,5}$$

$$2922. \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{3,6} \lor \lnot e_{2,3} \lor t_{e_{1,2}, e_{2,3}} \vdash \lnot e_{3,6} \lor t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}}$$

2923.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{3,5} \lor \neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}} \vdash e_{3,5} \lor t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

2924.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}} \lor e_{3,6} \vdash t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{3,6}$$

$$2925. \ t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash e_{1,5} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}}$$

$$2926. \ t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{e_{1,5}, \, e_{2,5}}, \neg t_{e_{1,5}, \, e_{2,5}} \lor e_{2,5} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \vdash t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor e_{2,5}$$

$$2927. \ t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{e_{1,5}, \, e_{2,5}}, \neg t_{e_{1,5}, \, e_{2,5}} \lor e_{2,5} \lor t_{e_{1,2}, \, \neg e_{1,3}} \vdash t_{\neg e_{1,6}, \, e_{2,6}} \lor e_{2,5} \lor t_{e_{1,2}, \, \neg e_{1,3}}$$

2928.
$$t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$2929. \ t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash e_{1,5} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,5},\, e_{2,5}}$$

$$2930. \ t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{e_{1,5}, \, e_{2,5}}, t_{\neg e_{1,2}, \, e_{1,3}} \lor \neg t_{e_{1,5}, \, e_{2,5}} \lor e_{2,5} \vdash t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{\neg e_{1,2}, \, e_{1,3}} \lor e_{2,5}$$

$$2931. \ t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{e_{1,5}, \, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, \, e_{2,5}} \lor \neg t_{e_{1,5}, \, \neg e_{2,5}} \vdash e_{1,5} \lor t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg t_{e_{1,5}, \, \neg e_{2,5}}$$

2932.
$$t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,5}, e_{2,5}}, t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,6}, e_{2,6}} \lor e_{2,5}$$

$$2933. \ t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash e_{1,5} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$2934. \ t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{e_{1,5}, \, e_{2,5}}, t_{e_{1,5}, \, \neg e_{2,5}} \lor \neg t_{e_{1,5}, \, e_{2,5}} \lor e_{2,5} \vdash t_{e_{1,5}, \, \neg e_{2,5}} \lor t_{\neg e_{1,6}, \, e_{2,6}} \lor e_{2,5}$$

$$2935. \ t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{e_{1,5}, \, e_{2,5}}, \neg t_{\neg e_{1,5}, \, e_{2,5}} \lor \neg t_{e_{1,5}, \, e_{2,5}} \lor e_{2,5} \vdash t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg t_{\neg e_{1,5}, \, e_{2,5}} \lor e_{2,5}$$

$$2936.\ t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor t_{e_{1,2},\, e_{2,3}} \lor \neg t_{e_{1,5},\, e_{2,5}} \vdash e_{1,5} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,2},\, e_{2,3}}$$

$$2937. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,3}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{2,2},\,\neg e_{2,2}} \lor t_{e_{2,2},\,\neg e_{2,2}} \lor t_{e_{2,2},\,\neg e_{2,2}} \lor t_{e_{2,2},\,\neg e_{2,2}} \lor t_{e_{2,2},$$

$$2938. \ \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,3}, \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \vdash \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,\neg e_{$$

$$2939. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,3}, \neg e_{2,3} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,$$

$$2940. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,3}, \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,3},\,\neg e_{2,3}} \lor \neg e_{2,3} \vdash \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,3},\,\neg e_{2,$$

2941.
$$t_{e_{1,2}, e_{1,3}} \lor e_{2,3}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg e_{2,6} \vdash \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \lor \neg e_{2,6}$$

$$2942. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,3}, \neg t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

2943.
$$t_{e_{1,2}, e_{1,3}} \lor e_{2,3}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg e_{3,5} \vdash \neg e_{1,3} \lor t_{e_{1,2}, e_{1,3}} \lor \neg e_{3,5}$$

$$2944. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,3}, t_{e_{1,2},\,e_{1,3}} \lor \neg e_{2,3} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \vdash \neg t_{e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{1,3}}$$

$$2945. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,3}, \neg e_{2,3} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}}$$

2946.
$$t_{e_{1,2},\,e_{1,3}} \lor e_{2,3}, \neg t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{2,3}$$

2947.
$$t_{e_{1,2},\,e_{1,3}} \lor e_{2,3}, e_{3,5} \lor \neg e_{2,3} \lor e_{1,3} \vdash t_{e_{1,2},\,e_{1,3}} \lor e_{3,5} \lor e_{1,3}$$

2948.
$$t_{e_{1,2}, e_{1,3}} \lor e_{2,3}, \neg e_{1,3} \lor \neg e_{3,6} \lor \neg e_{2,3} \vdash \neg e_{1,3} \lor t_{e_{1,2}, e_{1,3}} \lor \neg e_{3,6}$$

2949.
$$t_{e_{1,2},\,e_{1,3}} \lor e_{2,3}, \neg e_{2,3} \lor e_{1,2} \lor e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor e_{1,2} \lor e_{2,6}$$

$$2950. \ \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,3}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2},\,\neg e_{2,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg$$

$$2951. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,3}, \neg e_{2,3} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2$$

$$2952. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,3}, \neg e_{2,3} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,2},\,e_{1,3}$$

2953.
$$t_{e_{1,2},e_{1,3}} \lor e_{2,3}, \neg e_{2,3} \lor \neg e_{3,5} \lor e_{1,3} \vdash t_{e_{1,2},e_{1,3}} \lor \neg e_{3,5} \lor e_{1,3}$$

$$2954. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,3}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \lor \neg$$

2955.
$$t_{e_{1,2},e_{1,3}} \lor e_{2,3}, \neg e_{2,3} \lor e_{2,5} \lor e_{1,2} \vdash t_{e_{1,2},e_{1,3}} \lor e_{2,5} \lor e_{1,2}$$

$$2956. \ \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,3}, \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor \neg e_{2,3} \lor e_{1,2} \vdash \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{1,2}$$

2957.
$$t_{e_{1,2},e_{1,3}} \lor e_{2,3}, \neg e_{1,3} \lor e_{3,5} \lor \neg e_{2,3} \vdash \neg e_{1,3} \lor t_{e_{1,2},e_{1,3}} \lor e_{3,5}$$

2958.
$$t_{e_{1,2},e_{1,3}} \lor e_{2,3}, \neg e_{2,3} \lor \neg e_{2,6} \lor e_{1,2} \vdash t_{e_{1,2},e_{1,3}} \lor \neg e_{2,6} \lor e_{1,2}$$

2959.
$$t_{e_{1,2}, e_{1,3}} \lor e_{2,3}, \neg e_{2,3} \lor e_{3,6} \lor e_{1,3} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{3,6} \lor e_{1,3}$$

$$2960. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,3}, \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},$$

2961.
$$t_{e_{1,2}, e_{1,3}} \lor e_{2,3}, \neg e_{1,3} \lor \neg e_{2,3} \lor e_{3,6} \vdash \neg e_{1,3} \lor t_{e_{1,2}, e_{1,3}} \lor e_{3,6}$$

2962.
$$t_{e_{1,2},e_{1,3}} \lor e_{2,3}, t_{\neg e_{1,2},e_{1,3}} \lor \neg t_{e_{1,2},e_{1,3}} \lor e_{1,2} \vdash t_{\neg e_{1,2},e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

2963.
$$t_{e_{1,2},\,e_{1,3}} \lor e_{2,3}, \neg t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,2},\,e_{2,3}} \lor e_{1,3} \lor e_{2,3}$$

$$2964. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,3}, \neg e_{2,3} \lor t_{e_{1,3},\,e_{2,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e$$

$$2965. \ \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,3}, \neg e_{2,3} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

2966.
$$t_{e_{1,2},\,e_{1,3}} \lor e_{2,3}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg e_{2,5} \vdash \neg e_{1,2} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg e_{2,5}$$

$$2967. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,3}, \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \vdash \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,$$

$$2968. \ \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,3}, t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,3} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{2,3}}$$

2969.
$$t_{e_{1,2},e_{1,3}} \lor e_{2,3}, \neg e_{1,2} \lor \neg e_{2,3} \lor e_{2,5} \vdash \neg e_{1,2} \lor t_{e_{1,2},e_{1,3}} \lor e_{2,5}$$

2970.
$$t_{e_{1,2},e_{1,3}} \lor e_{2,3}, \neg e_{3,6} \lor \neg e_{2,3} \lor e_{1,3} \vdash \neg e_{3,6} \lor t_{e_{1,2},e_{1,3}} \lor e_{1,3}$$

$$2971. \ \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,3}, \neg t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,3} \vdash \neg t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,3} \lor e_{2,3}$$

$$2972. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,3}, \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,3},\,e_{2,3}} \vdash \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,3$$

$$2973. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,3}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg$$

$$2974. \ \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,3}, \neg e_{1,2} \lor \neg e_{2,3} \lor e_{2,6} \vdash \neg e_{1,2} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}$$

$$2975. \ \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,3}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,2},\,e_{1,3}} \lor e_{1,2} \vdash t_{e_{1,3},\,\neg e_{2,3}} \lor e_{2,3} \lor e_{1,2}$$

$$2976. \ \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,3}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2},\,e_{2,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg e_{2,3} \lor$$

$$2977. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,3}, \neg t_{e_{1,2},\,e_{1,3}} \lor e_{1,3} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{1,3} \lor e_{2,3} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor t_{e_{2,3},\,\neg e_{2,3}} \lor e_{2,3} \lor$$

2978.
$$t_{e_{1,2},e_{1,3}} \lor e_{2,3}, \neg t_{e_{1,2},e_{1,3}} \lor t_{e_{1,3},e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,3},e_{2,3}} \lor e_{2,3} \lor e_{1,2}$$

2979.
$$t_{e_{1,2},\,e_{1,3}} \lor e_{2,3}, \neg e_{2,3} \lor \neg e_{2,5} \lor e_{1,2} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg e_{2,5} \lor e_{1,2}$$

$$2980. \ \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,3}, \neg e_{2,3} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \lor$$

$$2981. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,3}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg e_{2,3} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor \neg e_{2,6}$$

$$2982. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,3}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg e_{2,3} \lor \neg e_{2,5} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor \neg e_{2,5}$$

$$2983. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,3}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg e_{2,3} \lor e_{2,5} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor e_{2,5}$$

$$2984. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,3}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg e_{2,3} \lor e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor e_{2,6}$$

$$2985. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,3}, \neg e_{1,2} \lor \neg e_{2,3} \lor t_{e_{1,6},\,\neg e_{2,6}} \vdash \neg e_{1,2} \lor t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,6},\,\neg e_{2,6}}$$

2986.
$$t_{e_{1,2}, e_{1,3}} \lor e_{2,3}, \neg e_{2,3} \lor t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,2} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,2}$$

$$2987. \ \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,3}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,6},\,\neg e_{2,6}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor t_{e_{1,6},\,\neg e_{$$

$$2988. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,3}, \neg e_{1,2} \lor \neg e_{2,3} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash \neg e_{1,2} \lor t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

2989.
$$t_{e_{1,2},\,e_{1,3}} \lor e_{2,3}, \neg e_{2,3} \lor e_{1,2} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor e_{1,2} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$2990.\ \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,3}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$2991. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,3}, \neg e_{2,3} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg e_{3,5} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg e_{3,5}$$

$$2992. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,3}, \neg e_{3,6} \lor \neg e_{2,3} \lor t_{e_{1,2},\,e_{2,3}} \vdash \neg e_{3,6} \lor t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}}$$

$$2993. \ \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,3}, e_{3,5} \lor \lnot e_{2,3} \lor t_{e_{1,2},\,e_{2,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor e_{3,5} \lor t_{e_{1,2},\,e_{2,3}}$$

2994.
$$t_{e_{1,2}, e_{1,3}} \lor e_{2,3}, \neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}} \lor e_{3,6} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{3,6}$$

2995.
$$t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,6}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg e_{2,6} \vdash \neg e_{1,2} \lor \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{1,3}}$$

$$2996.\ t_{\neg e_{1,2},\,e_{1,3}} \lor e_{2,6}, t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,6},\,\neg e_{2,6}} \lor \neg e_{2,6} \vdash \neg t_{\neg e_{1,6},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{1,3}}$$

$$2997. \ t_{\neg e_{1,2}, \, e_{1,3}} \lor e_{2,6}, \neg t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg e_{2,6} \lor t_{e_{1,2}, \, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, \, e_{1,3}} \lor \neg t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{1,3}}$$

$$2998. \ t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,6}, \neg t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor \neg e_{2,6} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6},\,$$

$$2999. \ t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,6}, \neg e_{1,6} \lor \neg e_{5,6} \lor \neg e_{2,6} \vdash \neg e_{1,6} \lor \neg e_{5,6} \lor t_{\neg e_{1,2},\, e_{1,3}}$$

$$3000.\ t_{\neg e_{1,2},\,e_{1,3}} \lor e_{2,6}, \neg t_{e_{1,6},\,\neg e_{2,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg e_{2,6} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg e_{2,6} \lor \neg e_{2$$

$$3001. \ t_{\neg e_{1,2}, \, e_{1,3}} \lor e_{2,6}, \neg t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor \neg e_{2,6} \vdash t_{\neg e_{1,2}, \, e_{1,3}} \lor \neg t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}}$$

$$3002. \ t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,6}, t_{e_{1,5},\, e_{2,5}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,5},\, e_{2,5}} \lor \neg t_{e_{2,5},\, \neg e_{2,6}}$$

$$3003. \ t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,6}, \neg e_{2,6} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \lor \neg t_{e_$$

3004.
$$t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,6}, \neg e_{1,6} \lor \neg e_{4,6} \lor \neg e_{2,6} \vdash \neg e_{1,6} \lor t_{\neg e_{1,2}, e_{1,3}} \lor \neg e_{4,6}$$

$$3005. \ t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,6}, t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \lor \neg t$$

3006.
$$t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,6}, t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{1,3}}$$

$$3007. \ t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,6}, t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \lor \neg t_{e_$$

$$3008. \ t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,6}, t_{e_{1,2},\, e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, e_{2,3}} \lor \neg t_{e_{2,5},\, \neg e_{2,6}}$$

$$3009. \ t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,6}, e_{1,5} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg e_{2,6} \vdash e_{1,5} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}}$$

3010.
$$t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,6}, e_{5,6} \lor \neg e_{1,6} \lor \neg e_{2,6} \vdash e_{5,6} \lor \neg e_{1,6} \lor t_{\neg e_{1,2}, e_{1,3}}$$

$$3011. \ t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,6}, t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg e_{2,6} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg e_{2,6} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg e_{2,6} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,5},\, e_{1,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor \neg e_{2,6} \vdash t_{e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor \neg e_{2,6} \vdash t_{e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor \neg e_{2,6} \vdash t_{e_{1,5},\, e_{2,5}} \lor \neg e_{2,6} \lor \neg e_{2,6}$$

$$3012. \ t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,6}, t_{e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\, e_{1,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\, e_{1,3}} \lor \neg e_{2,6} \lor \neg e_{$$

$$3013. \ t_{\neg e_{1,2}, \, e_{1,3}} \lor e_{2,6}, t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor \neg e_{2,6} \vdash t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{\neg e_{1,2}, \, e_{1,3}} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}}$$

$$3014. \ t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,6}, t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{e_{2,5},\, \neg e_{2,6}}$$

$$3015. \ t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,6}, \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \lor$$

$$3016. \ t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,6}, \neg e_{2,3} \lor \neg e_{2,6} \lor e_{1,2} \vdash \neg e_{2,3} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor e_{1,2}$$

3017.
$$t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,6}, e_{5,6} \lor e_{1,6} \lor \neg e_{2,6} \vdash e_{5,6} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,6}$$

$$3018.\ t_{\neg e_{1,2},\,e_{1,3}} \lor e_{2,6}, \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg e_{2,6} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg e_{2,6} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg e_{2,6} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg e_{2,6} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{2,5},\,\neg e_{2,$$

3019.
$$t_{\neg e_{1,2},\,e_{1,3}} \lor e_{2,6}, \neg e_{4,6} \lor e_{1,6} \lor \neg e_{2,6} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor \neg e_{4,6} \lor e_{1,6}$$

$$3020. \ t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,6}, \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{2,6} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{2,6} \lor e_{2,6}, \neg e$$

3021.
$$t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,6}, \neg e_{1,6} \lor e_{4,6} \lor \neg e_{2,6} \vdash \neg e_{1,6} \lor e_{4,6} \lor t_{\neg e_{1,2}, e_{1,3}}$$

$$3022. \ t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,6}, t_{\neg e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg e_{2,6} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg t_{\neg e_{2,5},\,$$

$$3023. \ t_{\neg e_{1,2}, \, e_{1,3}} \lor e_{2,6}, \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor \neg e_{2,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}} \vdash t_{\neg e_{1,2}, \, e_{1,3}} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor t_{\neg e_{1,6},$$

$$3024. \ t_{\neg e_{1,2}, \, e_{1,3}} \lor e_{2,6}, \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor \neg e_{2,6} \vdash t_{\neg e_{1,2}, \, e_{1,3}} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}}$$

$$3025. \ t_{\neg e_{1,2}, \, e_{1,3}} \lor e_{2,6}, \neg e_{1,2} \lor e_{2,3} \lor \neg e_{2,6} \vdash \neg e_{1,2} \lor t_{\neg e_{1,2}, \, e_{1,3}} \lor e_{2,3}$$

3026.
$$t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,6}, e_{2,3} \lor \neg e_{2,6} \lor e_{1,2} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$3027. \ t_{\neg e_{1,2}, \, e_{1,3}} \lor e_{2,6}, \neg t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor \neg e_{2,6} \vdash t_{\neg e_{1,2}, \, e_{1,3}} \lor \neg t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}}$$

$$3028. \ t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,6}, \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,6} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,6} \lor e_{2,6}, \neg e$$

3029.
$$t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,6}, \neg e_{5,6} \lor e_{1,6} \lor \neg e_{2,6} \vdash \neg e_{5,6} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,6}$$

$$3030. \ t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,6}, t_{e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}}$$

3031.
$$t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,6}, e_{4,6} \lor e_{1,6} \lor \neg e_{2,6} \vdash e_{4,6} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,6}$$

$$3032. \ t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,6}, \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor \neg e_{2,6} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$3033. \ t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,6}, t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \lor \neg e_{2,6} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{e_$$

$$3034. \ t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,6}, t_{e_{1,3},\, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg e_{2,6} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,2},\, e_{1,3}}$$

3035.
$$t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,6}, t_{e_{1,3}, \neg e_{2,3}} \lor e_{2,3} \lor \neg e_{2,6} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,3}$$

$$3036. \ t_{\neg e_{1,2}, \, e_{1,3}} \lor e_{2,6}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,6} \vdash \neg e_{1,2} \lor t_{\neg e_{1,2}, \, e_{1,3}} \lor t_{e_{1,2}, \, \neg e_{2,3}}$$

$$3037. \ t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,6}, t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,6} \lor e_{1,2} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}$$

$$3038. \ t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,6}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,6} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\,$$

3039.
$$t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,6}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \lor \neg e_{2,6} \vdash \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, e_{1,3}}$$

3040.
$$t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,6}, t_{e_{1,2}, e_{1,3}} \lor \neg e_{2,6} \lor e_{1,2} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,2}$$

$$3041. \ t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,6}, t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}}$$

$$3042. \ t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \vdash e_{1,5} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,5},\,e$$

$$3043. \ t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,5},\,e_{2,5}}, \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \vdash t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,5} \lor t_{\neg e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,5},\,e$$

$$3044. \ t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,5},\,e_{2,5}}, \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,5} \lor t_{\neg e_{1,5},\,e_{2,5}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$3045. \ t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,5},\,e_{2,5}}, e_{1,5} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,5},\,e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,5},\,e_{2,5}}$$

$$3046.\ t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,5},\,e_{2,5}} \vdash e_{1,5} \lor t_{\neg e_{1,5},\,e_{2,5}}$$

$$3047. \ t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,5},\,e_{2,5}}, t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor e_{2,5} \lor t_{\neg e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor$$

$$3048. \ t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \lor t_{\neg e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,5},\,e$$

$$3049. \ t_{e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,5},\, e_{2,5}}, t_{e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \vdash t_{e_{1,2},\, e_{1,3}} \lor e_{2,5} \lor t_{\neg e_{1,5},\, e_{2,5}}$$

$$3050. \ \ t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash e_{1,5} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,5},\,e_{$$

$$3051. \ t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,5},\,e_{2,5}}, t_{e_{1,5},\,\neg e_{2,5}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \vdash t_{e_{1,5},\,\neg e_{2,5}} \lor e_{2,5} \lor t_{\neg e_{1,5},\,e_{2,5}}$$

$$3052. \ t_{e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \vdash \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor$$

$$3053. \ t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,5},\,e_{2,5}}, e_{1,5} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,5},\,e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,5},\,e_{2,5}}$$

$$3054. \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,4},\,\neg e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,4},\,\neg e_{2,4}} \lor e_{2,6}$$

$$3055. \ \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,4},\,\neg e_{2,4}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,4},\,\neg e_{2,4}} \lor e_{2,6} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$3056. \ \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,4},\,\neg e_{2,4}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{e_{1,4},\,\neg e_{2,4}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,6}$$

$$3057. \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,4},\,\neg e_{2,4}}, t_{\neg e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \vdash t_{e_{1,4},\,\neg e_{2,4}} \lor t_{\neg e_{1,6},\,e_{2,6}} \lor e_{1,6}$$

$$3058. \ \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,4},\,\neg e_{2,4}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,6} \vdash t_{e_{1,4},\,\neg e_{2,4}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,6}$$

$$3059. \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,4},\,\neg e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \vdash t_{e_{1,4},\,\neg e_{2,4}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor e_{2,6}$$

$$3060.\ \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,4},\,\neg e_{2,4}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor e_{2,6} \vdash t_{e_{1,4},\,\neg e_{2,4}} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor e_{2,6}$$

$$3061. \ \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,4},\,\neg e_{2,4}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \vdash t_{e_{1,4},\,\neg e_{2,4}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \lor$$

$$3062. \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,4},\,\neg e_{2,4}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,4},\,\neg e_{2,4}} \lor e_{1,6} \lor t_{\neg e_{1,2},\,\neg e_{2,3}}$$

$$3063. \ \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,4},\,\neg e_{2,4}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,4},\,\neg e_{2,4}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,6}$$

$$3064.\ \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,4},\,\neg e_{2,4}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor e_{1,6} \vdash t_{e_{1,4},\,\neg e_{2,4}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor e_{1,6}$$

$$3065. \ \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,4},\,\neg e_{2,4}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,4},\,\neg e_{2,4}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,6}$$

$$3066.\ \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{2,3}}, \neg t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,2}$$

$$3067. \ \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{2,3}}, \neg t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,3}$$

$$3068. \ \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{2,3}}, t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,e_{1,3}} \lor e_{1,2} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,2}$$

$$3069. \ \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{2,3}}, \neg t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,3}$$

$$3070. \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{2,3}}, \neg t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,3} \vdash \neg t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,3}$$

$$3071. \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{2,3}}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,2},\,e_{1,3}} \lor e_{1,2} \vdash t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,2}$$

$$3072. \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{2,3}}, \neg t_{e_{1,2},\,e_{1,3}} \lor e_{1,3} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,3} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$3073. \ \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{2,3}}, \neg t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,2}$$

$$3074. \ t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,5}, \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor \neg e_{2,5} \lor \neg$$

$$3075. \ t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,5}, t_{\neg e_{1,6}, e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{\neg e_{2,5}, e_{2,6}}$$

$$3076. \ t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,5}, \neg e_{2,5} \lor t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, e_{2,6}}$$

$$3077. \ t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,5}, t_{\neg e_{1,5}, \neg e_{2,5}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}} \vdash t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,5},$$

3078.
$$t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,5}, e_{1,5} \lor \neg e_{5,6} \lor \neg e_{2,5} \vdash e_{1,5} \lor \neg e_{5,6} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$3079. \ t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor e_{2,5}, \, \neg e_{2,5} \lor \neg t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor t_{e_{1,2}, \, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor t_{e_{1,2}, \, \neg e_{1,3}}$$

$$3080.\ t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,5}, t_{e_{1,5},\,\neg e_{2,5}} \lor \neg e_{2,5} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \vdash t_{e_{1,5},\,\neg e_{2,5}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \lor \neg t_{e_{1,5},\,\neg e_{2,5$$

$$3081. \ t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor e_{2,5}, t_{\neg e_{1,2}, \, e_{1,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,5}, \, \neg e_{2,5}} \vdash t_{\neg e_{1,2}, \, e_{1,3}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{2,5}}$$

$$3082. \ t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,5}, \neg e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,5}, e_{2,5}} \lor t_{$$

$$3083. \ t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,5}, \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6},$$

$$3084. \ t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,5}, t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, e_{2,$$

$$3085. \ t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,5}, t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{\neg e_{2,5}, e_{2,6}}$$

$$3086. \ t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,5}, t_{e_{1,2}, e_{1,3}} \lor \neg e_{2,5} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \lor \neg t_{e_{1,5}, \neg e_{2,5}}$$

$$3087. \ t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,5}, \neg t_{\neg e_{1,5}, \neg e_{2,5}} \lor \neg e_{2,5} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \vdash \neg t_{e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}} \lor \neg t_{\neg e_{1,5}, \neg e_{2$$

$$3088. \ t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,5}, t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg e_{2,5} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \vdash \neg t_{e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

3089.
$$t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,5}, \neg e_{1,5} \lor \neg e_{2,5} \lor \neg e_{4,5} \vdash \neg e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg e_{4,5}$$

$$3090. \ t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,5}, \neg e_{2,5} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$3091. \ t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,5}, \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{\neg e_{1,2}, \neg e$$

3092.
$$t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,5}, e_{5,6} \lor \neg e_{1,5} \lor \neg e_{2,5} \vdash e_{5,6} \lor \neg e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$3093. \ t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,5}, t_{\neg e_{1,2}, e_{1,3}} \lor \neg e_{2,5} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \lor \neg t_{e_{1,5}, \neg e_{2,$$

3094.
$$t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,5}, e_{1,5} \lor \neg e_{2,5} \lor \neg e_{4,5} \vdash e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg e_{4,5}$$

$$3095. \ t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,5}, \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{\neg e_{1,2},$$

3096.
$$t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,5}, \neg e_{2,5} \lor e_{2,3} \lor e_{1,2} \vdash t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$3097. \ t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor e_{2,5}, t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor \neg e_{2,5} \vdash t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}}$$

$$3098.\ t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,5}, \neg e_{2,5} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \vdash t_{\neg e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,e_{2,6$$

3099.
$$t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,5}, \neg e_{5,6} \lor \neg e_{1,5} \lor \neg e_{2,5} \vdash \neg e_{5,6} \lor \neg e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$3100.\ t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,5}, t_{e_{1,2},\,e_{1,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{2,5}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{\neg e_{1,5},\,\neg e_{2,5}} \lor \neg$$

3101.
$$t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,5}, t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}} \vdash \neg t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

3102.
$$t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,5}, e_{1,5} \lor e_{4,5} \lor \neg e_{2,5} \vdash e_{1,5} \lor e_{4,5} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

3103.
$$t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,5}, \neg e_{1,2} \lor \neg e_{2,5} \lor e_{2,3} \vdash \neg e_{1,2} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

$$3104. \ t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor e_{2,5}, t_{e_{1,2}, \, e_{2,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}} \vdash t_{e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}}$$

$$3105. \ t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor e_{2,5}, \neg t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor t_{e_{1,2}, \, e_{2,3}} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor t_{e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}}$$

3106.
$$t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,5}, \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$3107. \ t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,5}, \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,4}} \lor t_{\neg e_{1,2}, \neg e_{$$

3108.
$$t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,5}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg e_{2,5} \vdash \neg e_{1,2} \lor \neg e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

3109.
$$t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,5}, e_{5,6} \lor e_{1,5} \lor \neg e_{2,5} \vdash e_{5,6} \lor e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

3110.
$$t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,5}, \neg e_{1,5} \lor e_{4,5} \lor \neg e_{2,5} \vdash e_{4,5} \lor \neg e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$3111. \ t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,5}, t_{e_{1,5}, e_{2,5}} \lor \neg e_{2,5} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,5}, \neg e_{2,5}}$$

$$3112. \ t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,5}, \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg$$

3113.
$$t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,5}, \neg e_{2,3} \lor \neg e_{2,5} \lor e_{1,2} \vdash \neg e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{1,2}$$

3114.
$$t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,5}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,5} \lor e_{2,3} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

$$3115. \ t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor e_{2,5}, t_{e_{1,3}, \, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg e_{2,5} \vdash t_{e_{1,3}, \, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}}$$

3116.
$$t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,5}, \neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{4,5} \vdash t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{4,5}$$

3117.
$$t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,5}, e_{5,6} \lor \neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash e_{5,6} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$3118. \ t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,5}, \neg e_{5,6} \lor \neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{5,6} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

3119.
$$t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,5}, e_{4,5} \lor \neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash e_{4,5} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

3120.
$$t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,5}, t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \lor \neg e_{4,5} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg e_{4,5}$$

3121.
$$t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,5}, e_{5,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \vdash e_{5,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

3122.
$$t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,5}, \neg e_{5,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \vdash \neg e_{5,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

3123.
$$t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,5}, e_{4,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \vdash e_{4,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$3124. \ t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor e_{2,5}, \neg e_{1,2} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg e_{2,5} \vdash \neg e_{1,2} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}}$$

3125.
$$t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,5}, t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \lor e_{1,2} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{1,2}$$

$$3126. \ t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,5}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{\neg e_{1,3}, \neg e_{1,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$3127. \ t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor e_{2,5}, \neg e_{1,2} \lor t_{e_{1,2}, \, e_{1,3}} \lor \neg e_{2,5} \vdash \neg e_{1,2} \lor t_{e_{1,2}, \, e_{1,3}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}}$$

$$3128.\ t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,5}, t_{e_{1,2},\,e_{1,3}} \lor \neg e_{2,5} \lor e_{1,2} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{1,2}$$

3129.
$$t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,5}, t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,5} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$3130. \ t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5} \lor t_{\neg e_{1,2},\, \neg e_{2,3}}$$

$$3131. \ \ t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,5},\, e_{2,5}}, \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{2,5}$$

3132.
$$t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,5}, e_{2,5}}, \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}}$$

3133.
$$t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,5}, e_{2,5}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}}$$

3134.
$$t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5} \lor t_{\neg e_{1,5}, e_{2,5}}$$

3135.
$$t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,5}, e_{2,5}}, t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,5}$$

$$3136. \ t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5} \lor \neg t_{e_{1,5},\, \neg e_{2,5}}$$

$$3137. \ t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,5}, e_{2,5}}, t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, e_{1,3}} \lor e_{2,5}$$

3138.
$$t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5} \lor t_{\neg e_{1,2}, e_{2,3}}$$

3139.
$$t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,5}, e_{2,5}}, t_{e_{1,5}, \neg e_{2,5}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,5}$$

$$3140. \ t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{2,5}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,5}$$

3141.
$$t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,5}, e_{2,5}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5} \lor t_{e_{1,2}, e_{2,3}}$$

$$3142. \ \ t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,5},\,e_{2,5}}, \neg t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor e_{2,3}$$

3143.
$$t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash e_{1,5} \lor t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

3144.
$$t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,5}, e_{2,5}}, \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,5}$$

$$3145. \ \ t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,5},\,e_{2,5}}, \neg t_{e_{1,2},\,e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,5},\,e_{2,5}} \lor e_{2,3} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$3146.\ \ t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,5},\,e_{2,5}}, \neg t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,5},\,e_{2,5}} \lor e_{1,2}$$

$$3147. \ t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,5},\,e_{2,5}}, \neg t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,2}$$

3148.
$$t_{e_{1,2},e_{2,3}} \lor t_{e_{1,5},e_{2,5}}, \neg t_{e_{1,5},e_{2,5}} \lor e_{2,5} \lor t_{e_{1,2},\neg e_{1,3}} \vdash t_{e_{1,2},e_{2,3}} \lor e_{2,5} \lor t_{e_{1,2},\neg e_{1,3}}$$

$$3149. \ \ t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,5},\,e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}$$

3150.
$$t_{e_{1,2},e_{2,3}} \lor t_{e_{1,5},e_{2,5}}, \neg t_{e_{1,2},e_{2,3}} \lor t_{\neg e_{1,3},e_{2,3}} \lor e_{1,2} \vdash t_{\neg e_{1,3},e_{2,3}} \lor t_{e_{1,5},e_{2,5}} \lor e_{1,2}$$

3151.
$$t_{e_{1,2},e_{2,3}} \lor t_{e_{1,5},e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},e_{2,5}} \lor t_{\neg e_{1,5},e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2},e_{2,3}} \lor t_{\neg e_{1,5},e_{2,5}}$$

3152.
$$t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,5},\,e_{2,5}}, \neg t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,5},\,e_{2,5}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{2,3}$$

$$3153.\ t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,5},\,e_{2,5}}, t_{\lnot e_{1,2},\,e_{1,3}} \lor \lnot t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \vdash t_{\lnot e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{2,5}$$

$$3154. \ \ t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}}$$

3155.
$$t_{e_{1,2},e_{2,3}} \lor t_{e_{1,5},e_{2,5}}, \neg t_{e_{1,2},e_{2,3}} \lor t_{e_{1,3},e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,5},e_{2,5}} \lor t_{e_{1,3},e_{2,3}} \lor e_{1,2}$$

3156.
$$t_{e_{1,2},e_{2,3}} \lor t_{e_{1,5},e_{2,5}}, \neg t_{e_{1,2},e_{2,3}} \lor t_{e_{1,2},e_{1,3}} \lor e_{2,3} \vdash t_{e_{1,2},e_{1,3}} \lor t_{e_{1,5},e_{2,5}} \lor e_{2,3}$$

$$3157. \ t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,5},\,e_{2,5}}, t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{2,5}$$

3158.
$$t_{e_{1,2},e_{2,3}} \lor t_{e_{1,5},e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},e_{2,5}} \lor t_{\neg e_{1,2},e_{2,3}} \vdash e_{1,5} \lor t_{e_{1,2},e_{2,3}} \lor t_{\neg e_{1,2},e_{2,3}}$$

$$3159. \ t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,5},\,e_{2,5}}, t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{2,5}} \lor e_{2,3}$$

$$3160.\ \ t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,5},\,e_{2,5}}, t_{e_{1,5},\,\neg e_{2,5}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \vdash t_{e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{2,5}$$

$$3161. \ t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{2,5}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \vdash t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,5},\,e_{2,5}} \lor e_{2,5}$$

3162.
$$t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,5},\,e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}$$

$$3163. \ t_{e_{1,5},\,e_{2,5}} \lor t_{e_{1,2},\,\neg e_{1,3}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \vdash e_{1,5} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$3164. \ \ t_{e_{1,5},\,e_{2,5}} \lor t_{e_{1,2},\,\neg e_{1,3}}, \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \vdash t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,5} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

3165.
$$t_{e_{1,5}, e_{2,5}} \lor t_{e_{1,2}, \neg e_{1,3}}, \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,5}$$

$$3166. \ \ t_{e_{1,5},\,e_{2,5}} \lor t_{e_{1,2},\,\neg e_{1,3}}, e_{1,5} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,5},\,e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$3167. \ t_{e_{1,5},\, e_{2,5}} \lor t_{e_{1,2},\, \neg e_{1,3}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash e_{1,5} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$3168. \ \ t_{e_{1,5},\,e_{2,5}} \lor t_{e_{1,2},\,\neg e_{1,3}}, t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor e_{2,5} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$3169.\ \ t_{e_{1,5},\,e_{2,5}} \lor t_{e_{1,2},\,\neg e_{1,3}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

3170.
$$t_{e_{1,5}, e_{2,5}} \lor t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$3171. \ \ t_{e_{1,5},\,e_{2,5}} \lor t_{e_{1,2},\,\neg e_{1,3}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash e_{1,5} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$3172. \ \ t_{e_{1,5},\,e_{2,5}} \lor t_{e_{1,2},\,\neg e_{1,3}}, t_{e_{1,5},\,\neg e_{2,5}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \vdash t_{e_{1,5},\,\neg e_{2,5}} \lor e_{2,5} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$3173. \ t_{e_{1,5},\, e_{2,5}} \lor t_{e_{1,2},\, \neg e_{1,3}}, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \vdash \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$3174. \ \ t_{e_{1,5},\,e_{2,5}} \lor t_{e_{1,2},\,\neg e_{1,3}}, e_{1,5} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,5},\,e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$3175. \ \ t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{2,5}}, \neg t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{1,2} \vdash t_{e_{1,5},\,e_{2,5}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{1,2}$$

$$3176. \ t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor e_{1,5} \lor t_{\neg e_{1,2},\,\neg e_{2,3}}$$

$$3177. \ t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{2,5}}, \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,5}$$

$$3178. \ t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{2,5}}, \neg t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,5},\,e_{2,5}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

3179.
$$t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{2,5}}, \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor e_{2,5} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

3180.
$$t_{e_{1,2},e_{1,3}} \lor t_{e_{1,5},e_{2,5}}, e_{1,5} \lor t_{e_{1,2},\neg e_{2,3}} \lor \neg t_{e_{1,5},e_{2,5}} \vdash t_{e_{1,2},e_{1,3}} \lor e_{1,5} \lor t_{e_{1,2},\neg e_{2,3}}$$

3181.
$$t_{e_{1,2},e_{1,3}} \lor t_{e_{1,5},e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},e_{2,5}} \lor t_{\neg e_{1,5},e_{2,5}} \vdash t_{e_{1,2},e_{1,3}} \lor e_{1,5} \lor t_{\neg e_{1,5},e_{2,5}}$$

$$3182. \ t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{2,5}}, t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor e_{2,5}$$

3183.
$$t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{2,5}}$$

3184.
$$t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,5}, e_{2,5}}, t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{2,5}$$

3185.
$$t_{e_{1,2},e_{1,3}} \lor t_{e_{1,5},e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},e_{2,5}} \lor t_{\neg e_{1,2},e_{2,3}} \vdash t_{e_{1,2},e_{1,3}} \lor e_{1,5} \lor t_{\neg e_{1,2},e_{2,3}}$$

$$3186. \ t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{2,5}}, t_{e_{1,5},\,\neg e_{2,5}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,\neg e_{2,5}} \lor e_{2,5}$$

3187.
$$t_{e_{1,2},e_{1,3}} \lor t_{e_{1,5},e_{2,5}}, t_{\neg e_{1,2},e_{1,3}} \lor \neg t_{e_{1,2},e_{1,3}} \lor e_{1,2} \vdash t_{\neg e_{1,2},e_{1,3}} \lor t_{e_{1,5},e_{2,5}} \lor e_{1,2}$$

$$3188.\ \ t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{2,5}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,5},\,e_{2,5}} \lor e_{2,5}$$

3189.
$$t_{e_{1,2},e_{1,3}} \lor t_{e_{1,5},e_{2,5}}, \neg t_{e_{1,2},e_{1,3}} \lor t_{e_{1,2},e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,5},e_{2,5}} \lor t_{e_{1,2},e_{2,3}} \lor e_{1,3}$$

3190.
$$t_{e_{1,2},e_{1,3}} \lor t_{e_{1,5},e_{2,5}}, e_{1,5} \lor t_{e_{1,2},e_{2,3}} \lor \neg t_{e_{1,5},e_{2,5}} \vdash t_{e_{1,2},e_{1,3}} \lor e_{1,5} \lor t_{e_{1,2},e_{2,3}}$$

$$3191. \ t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{2,5}}, \neg t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,3} \vdash t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,3}$$

3192.
$$t_{e_{1,2},e_{1,3}} \lor t_{e_{1,5},e_{2,5}}, t_{e_{1,3},\neg e_{2,3}} \lor \neg t_{e_{1,2},e_{1,3}} \lor e_{1,2} \vdash t_{e_{1,3},\neg e_{2,3}} \lor t_{e_{1,5},e_{2,5}} \lor e_{1,2}$$

3193.
$$t_{e_{1,2},e_{1,3}} \lor t_{e_{1,5},e_{2,5}}, \neg t_{e_{1,2},e_{1,3}} \lor e_{1,3} \lor t_{e_{1,2},\neg e_{1,3}} \vdash t_{e_{1,5},e_{2,5}} \lor e_{1,3} \lor t_{e_{1,2},\neg e_{1,3}}$$

3194.
$$t_{e_{1,2},e_{1,3}} \lor t_{e_{1,5},e_{2,5}}, \neg t_{e_{1,2},e_{1,3}} \lor t_{e_{1,3},e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,5},e_{2,5}} \lor t_{e_{1,3},e_{2,3}} \lor e_{1,2}$$

$$3195. \ t_{\neg e_{1,4},\, e_{2,4}} \lor t_{e_{1,4},\, e_{2,4}}, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor \neg t_{e_{1,4},\, e_{2,4}} \lor e_{2,4} \vdash \neg t_{\neg e_{1,4},\, e_{2,4}} \lor t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,4}$$

$$3196. \ t_{\neg e_{1,4},\, e_{2,4}} \lor t_{e_{1,4},\, e_{2,4}}, t_{e_{1,4},\, \neg e_{2,4}} \lor \neg t_{e_{1,4},\, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,4},\, \neg e_{2,4}} \lor t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,4}$$

3197.
$$t_{\neg e_{1,4}, e_{2,4}} \lor t_{e_{1,4}, e_{2,4}}, e_{1,4} \lor t_{\neg e_{1,4}, e_{2,4}} \lor \neg t_{e_{1,4}, e_{2,4}} \vdash e_{1,4} \lor t_{\neg e_{1,4}, e_{2,4}}$$

3198.
$$t_{\neg e_{1,4}, e_{2,4}} \lor t_{e_{1,4}, e_{2,4}}, e_{1,4} \lor \neg t_{e_{1,4}, \neg e_{2,4}} \lor \neg t_{e_{1,4}, e_{2,4}} \vdash e_{1,4} \lor t_{\neg e_{1,4}, e_{2,4}} \lor \neg t_{e_{1,4}, \neg e_{2,4}} \lor \neg t_{e_{1,4}, \neg e_{2,4}} \lor \neg t_{e_{1,4}, e$$

$$3199. \ t_{\neg e_{1,4},\, e_{2,4}} \lor t_{e_{1,4},\, e_{2,4}}, e_{1,4} \lor \neg t_{e_{1,4},\, e_{2,4}} \lor e_{2,4} \vdash e_{1,4} \lor t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,4}$$

$$3200.\ t_{\neg e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,2},\,e_{2,3}}, \neg t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor e_{2,3} \vdash t_{\neg e_{1,5},\,\neg e_{2,5}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor e_{2,3}$$

3201.
$$t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,5}, \neg e_{2,5}} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$3202. \ t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor e_{1,2}$$

$$3203. \ t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2} \vdash t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}$$

$$3204. \ t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,2} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor e_{1,2}$$

$$3205. \ t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,3} \vdash t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,3}$$

3206.
$$t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,3}, e_{2,3}} \lor e_{1,2} \vdash t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,3}, e_{2,3}} \lor e_{1,2}$$

3207.
$$t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, e_{1,3}} \lor e_{2,3} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor e_{2,3}$$

$$3208.\ t_{\neg e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,2},\,e_{2,3}}, t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{2,5}} \lor e_{2,3}$$

$$3209. \ t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,6}, e_{2,6}}, t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,6} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, e_{1,3}} \lor e_{2,6}$$

$$3210. \ t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,6},\, e_{2,6}}, \neg t_{e_{1,6},\, e_{2,6}} \lor e_{2,6} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor e_{2,6} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$3211. \ t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,6},\, e_{2,6}}, \neg t_{e_{1,6},\, e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$3212. \ t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,6}$$

$$3213. \ t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,6} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,6}$$

$$3214. \ \ t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,6}, e_{2,6}}, t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,6} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,6}$$

$$3215. \ t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,6} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,6}$$

$$3216.\ \ t_{e_{1,5},\,\lnot e_{2,5}} \lor t_{e_{1,6},\,e_{2,6}}, \lnot t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \lor \lnot t_{\lnot e_{1,6},\,e_{2,6}} \vdash t_{e_{1,5},\,\lnot e_{2,5}} \lor e_{2,6} \lor \lnot t_{\lnot e_{1,6},\,e_{2,6}} \lor e_{2,6} \lor e$$

$$3217. \ t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$3218. \ \ t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,6},\, e_{2,6}}, \neg t_{e_{1,6},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,6}$$

$$3219. \ \ t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,6},\, e_{2,6}}, \neg t_{e_{1,6},\, e_{2,6}} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \lor e_{1,6} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \lor e_{1,6}$$

$$3220. \ \ t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,6}$$

$$3221. \ \ t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,3},\, e_{2,3}}, t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{e_{1,3},\, e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor e_{1,3}$$

$$3222. \ \ t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,3},\, e_{2,3}}, t_{e_{1,2},\, e_{2,3}} \lor \neg t_{e_{1,3},\, e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}} \lor e_{1,3}$$

$$3223. \ t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,3},\, e_{2,3}}, \neg t_{e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}$$

$$3224. \ t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,3},\, e_{2,3}}, \neg t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{e_{1,3},\, e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor e_{2,3}$$

$$3225. \ \ t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,3},\, e_{2,3}}, t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{e_{1,3},\, e_{2,3}} \lor e_{2,3} \vdash e_{2,3} \lor t_{e_{1,3},\, \neg e_{2,3}}$$

$$3226.\ \ t_{e_{1,3},\,\lnot e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}}, \lnot t_{e_{1,3},\,\lnot e_{2,3}} \lor \lnot t_{e_{1,3},\,e_{2,3}} \lor \lnot t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,3},\,\lnot e_{2,3}} \lor \lnot t_{e_{1,3},\,\lnot e_{2,3}} \lor e_{1,3}$$

$$3227. \ t_{e_{1,3}, \, \neg e_{2,3}} \vee t_{e_{1,3}, \, e_{2,3}}, t_{e_{1,2}, \, e_{1,3}} \vee \neg t_{e_{1,3}, \, e_{2,3}} \vee e_{2,3} \vdash t_{e_{1,2}, \, e_{1,3}} \vee t_{e_{1,3}, \, \neg e_{2,3}} \vee e_{2,3}$$

$$3228. \ \ t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,3},\, e_{2,3}}, t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,3},\, e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,3}$$

$$3229. \ \ t_{e_{1,3},\ e_{2,3}} \lor t_{e_{1,3},\ \neg e_{2,3}}, t_{\neg e_{1,3},\ e_{2,3}} \lor \neg t_{e_{1,3},\ e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,3},\ \neg e_{2,3}} \lor t_{\neg e_{1,3},\ e_{2,3}} \lor e_{1,3}$$

$$3230. \ \ t_{e_{1,3},\,e_{2,3}} \lor t_{e_{1,3},\,\neg e_{2,3}}, t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}$$

$$3231. \ \ t_{e_{1,3},\ e_{2,3}} \lor t_{e_{1,3},\ \neg e_{2,3}}, \neg t_{e_{1,3},\ e_{2,3}} \lor t_{\neg e_{1,2},\ e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,3},\ \neg e_{2,3}} \lor t_{\neg e_{1,2},\ e_{2,3}} \lor e_{1,3}$$

$$3232. \ t_{e_{1,3},\,e_{2,3}} \lor t_{e_{1,3},\,\neg e_{2,3}}, \neg t_{\neg e_{1,3},\,e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,3},\,e_{2,3}} \lor e_{2,3}$$

3233.
$$t_{e_{1,3}, e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}$$

$$3234. \ \ t_{e_{1,3},\,e_{2,3}} \lor t_{e_{1,3},\,\neg e_{2,3}}, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}$$

$$3235. \ \ t_{e_{1,3},\,e_{2,3}} \lor t_{e_{1,3},\,\neg e_{2,3}}, t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor e_{2,3}$$

$$3236. \ \ t_{e_{1,3},\,e_{2,3}} \lor t_{e_{1,3},\,\neg e_{2,3}}, t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor e_{2,3}$$

$$3237. \ t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,5},\,\neg e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \vdash e_{1,5} \lor t_{\neg e_{1,5},\,\neg e_{2,5}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}}$$

$$3238. \ \ t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,5},\,\neg e_{2,5}}, \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \vdash t_{\neg e_{1,5},\,\neg e_{2,5}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,5}$$

3239.
$$t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,5}, \neg e_{2,5}}, \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,5}, \neg e_{2,5}} \lor e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$3240. \ t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,5},\,\neg e_{2,5}}, e_{1,5} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,5},\,e_{2,5}} \vdash e_{1,5} \lor t_{\neg e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,2},\,\neg e_{2,3}}$$

$$3241. \ t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,5},\,\neg e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,5},\,e_{2,5}} \vdash e_{1,5} \lor t_{\neg e_{1,5},\,\neg e_{2,5}} \lor t_{\neg e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,5},\,e$$

$$3242. \ t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,5},\,\neg e_{2,5}}, t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{2,5}} \lor e_{2,5}$$

$$3243. \ t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,5},\,\neg e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \vdash e_{1,5} \lor t_{\neg e_{1,5},\,\neg e_{2,5}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}}$$

$$3244. \ t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,5},\,\neg e_{2,5}}, t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{2,5}} \lor e_{2,5}$$

$$3245. \ t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,5},\,\neg e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash e_{1,5} \lor t_{\neg e_{1,5},\,\neg e_{2,5}} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$3246. \ t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,5},\,\neg e_{2,5}}, t_{e_{1,5},\,\neg e_{2,5}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \vdash t_{e_{1,5},\,\neg e_{2,5}} \lor t_{\neg e_{1,5},\,\neg e_{2,5}} \lor e_{2,5}$$

$$3247. \ t_{e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,5},\, \neg e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \vdash t_{\neg e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}$$

$$3248. \ t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,5},\,\neg e_{2,5}}, e_{1,5} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,5},\,e_{2,5}} \vdash e_{1,5} \lor t_{\neg e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,2},\,e_{2,3}}$$

3249.
$$t_{\neg e_{1,5}, e_{2,5}} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,5}, e_{2,5}}$$

$$3250. \ t_{\neg e_{1,5}, \, e_{2,5}} \lor t_{e_{1,5}, \, e_{2,5}}, \neg t_{e_{1,5}, \, e_{2,5}} \lor e_{2,5} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor e_{2,5} \lor t_{\neg e_{1,5}, \, e_{2,5}}$$

$$3251. \ t_{\neg e_{1,5},\, e_{2,5}} \lor t_{e_{1,5},\, e_{2,5}}, \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash e_{2,5} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$3252. \ t_{\neg e_{1,5}, \, e_{2,5}} \lor t_{e_{1,5}, \, e_{2,5}}, e_{1,5} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{e_{1,5}, \, e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,5}, \, e_{2,5}}$$

$$3253. \ t_{\neg e_{1,5}, \, e_{2,5}} \lor t_{e_{1,5}, \, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, \, e_{2,5}} \lor t_{\neg e_{1,5}, \, e_{2,5}} \vdash e_{1,5} \lor t_{\neg e_{1,5}, \, e_{2,5}}$$

$$3254. \ t_{\neg e_{1,5},\, e_{2,5}} \lor t_{e_{1,5},\, e_{2,5}}, t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,5} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{$$

$$3255. \ t_{\neg e_{1,5}, \, e_{2,5}} \lor t_{e_{1,5}, \, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, \, e_{2,5}} \lor \neg t_{e_{1,5}, \, \neg e_{2,5}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \, \neg e_{2,5}} \lor t_{\neg e_{1,5}, \, e$$

$$3256. \ t_{\neg e_{1,5},\, e_{2,5}} \lor t_{e_{1,5},\, e_{2,5}}, t_{e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \vdash t_{e_{1,2},\, e_{1,3}} \lor e_{2,5} \lor t_{\neg e_{1,5},\, e_{2,5}}$$

$$3257. \ t_{\neg e_{1,5},\, e_{2,5}} \lor t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash e_{1,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,5},\, e_$$

$$3258. \ t_{\neg e_{1,5},\, e_{2,5}} \lor t_{e_{1,5},\, e_{2,5}}, t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor e_{2,5} \lor t_{\neg e_{1,5},\, e_{2,5}}$$

$$3259. \ t_{\neg e_{1,5}, \, e_{2,5}} \lor t_{e_{1,5}, \, e_{2,5}}, \neg t_{\neg e_{1,5}, \, e_{2,5}} \lor \neg t_{e_{1,5}, \, e_{2,5}} \lor e_{2,5} \vdash \neg t_{\neg e_{1,5}, \, e_{2,5}} \lor e_{2,5} \lor t_{\neg e_{1,5}, \, e_{2,5}} \lor e_{2,5} \lor e_{$$

$$3260.\ t_{\neg e_{1,5},\, e_{2,5}} \lor t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor t_{e_{1,2},\, e_{2,3}} \lor \neg t_{e_{1,5},\, e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,5},\, e_{2,5}}$$

$$3261. \ \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,3},\,\neg e_{2,3}}, \neg t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{1,2} \vdash t_{\neg e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{1,2} \vdash t_{\neg e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{1,2} \vdash t_{\neg e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{1,2} \vdash t_{\neg e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{1,2} \vdash t_{\neg e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{1,2} \vdash t_{\neg e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{1,2} \vdash t_{\neg e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{1,2} \vdash t_{\neg e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{1,2} \vdash t_{\neg e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{1,2} \vdash t_{\neg e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{1,2} \vdash t_{\neg e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{1,2} \vdash t_{\neg e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{1,2} \vdash t_{\neg e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{1,2} \vdash t_{\neg e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{1,2} \vdash t_{\neg e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{1,2} \vdash t_{\neg e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{1,2} \vdash t_{\neg e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{1,2} \vdash t_{\neg e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{1,2} \lor e$$

$$3262. \ \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,3},\,\neg e_{2,3}}, \neg t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \vdash t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$3263. \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,3},\,\neg e_{2,3}}, t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,e_{1,3}} \lor e_{1,2} \vdash t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,2}$$

$$3264. \ \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,3},\,\neg e_{2,3}}, \neg t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,3} \vdash t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}$$

$$3265. \ \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,3},\,\neg e_{2,3}}, \neg t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,3} \vdash t_{\neg e_{1,3},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,3}$$

$$3266. \ \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,3},\,\neg e_{2,3}}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,2},\,e_{1,3}} \lor e_{1,2} \vdash t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,2}$$

$$3267. \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,3},\,\neg e_{2,3}}, \neg t_{e_{1,2},\,e_{1,3}} \lor e_{1,3} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{\neg e_{1,3},\,\neg e_{2,3}} \lor e_{1,3} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$3268. \ \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,3},\,\neg e_{2,3}}, \neg t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor e_{1,2} \vdash t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}$$

3269.
$$e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,3} \lor \neg e_{1,5} \lor e_{1,2} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor \neg e_{1,5} \lor e_{1,2}$$

3270.
$$e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg e_{1,5} \vdash \neg e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}} \lor \neg e_{1,5}$$

3271.
$$e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg e_{3,5} \vdash \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}} \lor \neg e_{3,5}$$

$$3272. \ e_{1,3} \lor t_{\neg e_{1,3}, \, e_{2,3}}, \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \, e_{2,3}} \lor t_{e_{1,3}, \, e_{2,3}} \vdash \neg t_{\neg e_{1,3}, \, e_{2,3}} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor t_{e_{1,3}, \, e_{2,3}} \lor t_{$$

$$3273. \ e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_$$

3274.
$$e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,3} \lor e_{1,6} \lor e_{1,2} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,6} \lor e_{1,2}$$

$$3275. \ e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$3276. \ e_{1,3} \lor t_{\neg e_{1,3}, \, e_{2,3}}, \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor t_{\neg$$

$$3277. \ e_{1,3} \lor t_{\neg e_{1,3}, \, e_{2,3}}, \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{e_{1,2$$

$$3278. \ e_{1,3} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \vdash \neg t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1$$

$$3279. \ e_{1,3} \lor t_{\neg e_{1,3}, \, e_{2,3}}, \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3}, \, e_{2,3}} \vdash \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3}, \, e_{2,3}} \lor t_{\neg$$

$$3280. \ \ e_{1,3} \lor t_{\lnot e_{1,3},\, e_{2,3}}, \lnot e_{1,3} \lor \lnot e_{3,6} \lor \lnot e_{2,3} \vdash \lnot e_{3,6} \lor \lnot e_{2,3} \lor t_{\lnot e_{1,3},\, e_{2,3}}$$

$$3281. \ e_{1,3} \lor t_{\lnot e_{1,3},\, e_{2,3}}, \lnot e_{1,3} \lor e_{1,5} \lor e_{1,2} \vdash e_{1,5} \lor t_{\lnot e_{1,3},\, e_{2,3}} \lor e_{1,2}$$

$$3282. \ e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,3} \lor t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

3283.
$$e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,3} \lor \neg e_{1,6} \lor e_{1,2} \vdash \neg e_{1,6} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,2}$$

$$3284. \ e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e$$

$$3285. \ e_{1,3} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1$$

3286.
$$e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,3} \lor \neg e_{3,6} \lor e_{2,3} \vdash \neg e_{3,6} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{2,3}$$

$$3287. \ e_{1,3} \lor t_{\lnot e_{1,3},\, e_{2,3}}, \lnot e_{1,3} \lor e_{3,5} \lor \lnot e_{2,3} \vdash e_{3,5} \lor \lnot e_{2,3} \lor t_{\lnot e_{1,3},\, e_{2,3}}$$

$$3288. \ e_{1,3} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,3} \lor \neg e_{3,5} \lor e_{2,3} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor \neg e_{3,5} \lor e_{2,3}$$

$$3289. \ e_{1,3} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor e_{1,2} \vdash \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor e_{1,2}$$

$$3290. \ e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg t_{\neg e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, e_{2,3}} \lor t_$$

3291.
$$e_{1,3} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor e_{1,5} \lor \neg e_{1,3} \vdash \neg e_{1,2} \lor e_{1,5} \lor t_{\neg e_{1,3},\, e_{2,3}}$$

$$3292. \ e_{1,3} \lor t_{\neg e_{1,3}, \, e_{2,3}}, \neg e_{1,3} \lor \neg t_{e_{1,2}, \, \neg e_{1,3}} \lor t_{e_{1,2}, \, \neg e_{1,3}} \vdash t_{\neg e_{1,3}, \, e_{2,3}} \lor \neg t_{e_{1,2}, \, \neg e_{1,3}} \lor t_{e_{1,2}, \,$$

$$3293. \ e_{1,3} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg$$

$$3294. \ e_{1,3} \lor t_{\lnot e_{1,3},\, e_{2,3}}, \lnot e_{1,3} \lor \lnot e_{2,3} \lor e_{3,6} \vdash \lnot e_{2,3} \lor t_{\lnot e_{1,3},\, e_{2,3}} \lor e_{3,6}$$

$$3295. \ e_{1,3} \lor t_{\neg e_{1,3}, \, e_{2,3}}, \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor t_{\neg e_{1,2},$$

$$3296. \ e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}}$$

$$3297. \ e_{1,3} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}}$$

$$3298. \ e_{1,3} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,3} \lor e_{3,6} \lor e_{2,3} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor e_{3,6} \lor e_{2,3}$$

$$3299. \ e_{1,3} \lor t_{\neg e_{1,3}, \, e_{2,3}}, \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor e_{2,3} \vdash \neg t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor e_{2,3}$$

3300.
$$e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,3} \lor e_{3,5} \lor e_{2,3} \vdash e_{3,5} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{2,3}$$

3301.
$$e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}}$$

3302.
$$e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg e_{1,6} \vdash \neg e_{1,2} \lor \neg e_{1,6} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$3303. \ e_{1,3} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,3} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor$$

3304.
$$e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor e_{1,6} \vdash \neg e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,6}$$

$$3305. \ e_{1,3} \lor t_{\neg e_{1,3}, \, e_{2,3}}, \neg e_{1,3} \lor \neg t_{e_{1,2}, \, \neg e_{1,3}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \, e_{2,3}} \lor \neg t_{e_{1,2}, \, \neg e_{1,3}} \lor t_{e_{1,2}, \, \neg e_{2,3}}$$

$$3306. \ e_{1,3} \lor t_{\neg e_{1,3}, \, e_{2,3}}, t_{e_{1,2}, \, e_{1,3}} \lor \neg e_{1,3} \lor \neg t_{e_{1,2}, \, \neg e_{1,3}} \vdash t_{e_{1,2}, \, e_{1,3}} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor \neg t_{e_{1,2}, \, \neg e_{1,3}}$$

$$3307. \ e_{1,3} \lor t_{\neg e_{1,3}, \, e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,3}, \, \neg e_{2,3}} \lor \neg e_{1,5} \vdash t_{e_{1,3}, \, \neg e_{2,3}} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor \neg e_{1,5}$$

$$3308. \ e_{1,3} \lor t_{\neg e_{1,3},\, e_{2,3}}, e_{1,5} \lor \neg e_{1,3} \lor t_{e_{1,3},\, \neg e_{2,3}} \vdash e_{1,5} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}}$$

3309.
$$e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,3} \lor \neg e_{1,6} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,6} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$3310. \ e_{1,3} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor e_{1,6}$$

3311.
$$e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,3} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}$$

3312.
$$e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

3313.
$$e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$3314. \ e_{1,3} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,3} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{1,2} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}$$

3315.
$$e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$3316. \ e_{1,3} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{$$

$$3317. \ e_{1,3} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{3,5} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{3,5}$$

3318.
$$e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,3} \lor \neg e_{3,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg e_{3,6} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

3319.
$$e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,3} \lor e_{3,5} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash e_{3,5} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

3320.
$$e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{3,6} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{3,6}$$

$$3321. \ e_{1,3} \lor t_{\neg e_{1,3}, \, e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,2}, \, e_{1,3}} \lor \neg e_{3,5} \vdash t_{e_{1,2}, \, e_{1,3}} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor \neg e_{3,5}$$

$$3322. \ e_{1,3} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,2},\, e_{1,3}} \lor \neg e_{3,6} \vdash t_{e_{1,2},\, e_{1,3}} \lor \neg e_{3,6} \lor t_{\neg e_{1,3},\, e_{2,3}}$$

3323.
$$e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,2}, e_{1,3}} \lor e_{3,5} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{3,5} \lor t_{\neg e_{1,3}, e_{2,3}}$$

3324.
$$e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,2}, e_{1,3}} \lor e_{3,6} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{3,6}$$

3325.
$$t_{e_{1,2},e_{1,3}} \lor t_{e_{1,6},e_{2,6}}, t_{e_{1,2},e_{1,3}} \lor \neg t_{e_{1,6},e_{2,6}} \lor e_{2,6} \vdash t_{e_{1,2},e_{1,3}} \lor e_{2,6}$$

$$3326. \ \ t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,6},\,e_{2,6}} \lor e_{1,2}$$

$$3327. \ t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor e_{2,6} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$3328. \ \ t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor e_{1,6} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

3329.
$$t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,6}, e_{2,6}} \lor e_{1,3}$$

3330.
$$t_{e_{1,2},e_{1,3}} \lor t_{e_{1,6},e_{2,6}}, t_{\neg e_{1,6},e_{2,6}} \lor \neg t_{e_{1,6},e_{2,6}} \lor e_{1,6} \vdash t_{e_{1,2},e_{1,3}} \lor t_{\neg e_{1,6},e_{2,6}} \lor e_{1,6}$$

$$3331. \ t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,6}$$

3332.
$$t_{e_{1,2},e_{1,3}} \lor t_{e_{1,6},e_{2,6}}, t_{\neg e_{1,2},e_{1,3}} \lor \neg t_{e_{1,6},e_{2,6}} \lor e_{2,6} \vdash t_{e_{1,2},e_{1,3}} \lor t_{\neg e_{1,2},e_{1,3}} \lor e_{2,6}$$

$$3333. \ t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor e_{2,6}$$

$$3334. \ t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \vdash t_{e_{1,2},\,e_{1,3}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \lor \neg t_{\neg$$

3335.
$$t_{e_{1,2},e_{1,3}} \lor t_{e_{1,6},e_{2,6}}, \neg t_{e_{1,6},e_{2,6}} \lor t_{\neg e_{1,2},\neg e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,2},e_{1,3}} \lor e_{1,6} \lor t_{\neg e_{1,2},\neg e_{2,3}}$$

$$3336. \ t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,6}$$

3337.
$$t_{e_{1,2},e_{1,3}} \lor t_{e_{1,6},e_{2,6}}, t_{\neg e_{1,2},e_{1,3}} \lor \neg t_{e_{1,2},e_{1,3}} \lor e_{1,2} \vdash t_{\neg e_{1,2},e_{1,3}} \lor t_{e_{1,6},e_{2,6}} \lor e_{1,2}$$

$$3338. \ \ t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,6},\,e_{2,6}} \lor e_{1,3}$$

$$3339. \ t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor e_{1,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor e_{1,6}$$

3340.
$$t_{e_{1,2},e_{1,3}} \lor t_{e_{1,6},e_{2,6}}, \neg t_{e_{1,6},e_{2,6}} \lor t_{e_{1,2},e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,2},e_{1,3}} \lor t_{e_{1,2},e_{2,3}} \lor e_{1,6}$$

$$3341. \ t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,3} \vdash \neg t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,6},\,e_{2,6}} \lor e_{1,3}$$

3342.
$$t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,6}, e_{2,6}}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, e_{1,3}} \lor e_{1,2} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,6}, e_{2,6}} \lor e_{1,2}$$

$$3343. \ t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,2},\,e_{1,3}} \lor e_{1,3} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,6},\,e_{2,6}} \lor e_{1,3} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

3344.
$$t_{e_{1,2},e_{1,3}} \lor t_{e_{1,6},e_{2,6}}, \neg t_{e_{1,2},e_{1,3}} \lor t_{e_{1,3},e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,3},e_{2,3}} \lor t_{e_{1,6},e_{2,6}} \lor e_{1,2}$$

$$3345. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, \neg t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, \, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{e_{1,2}, \, \neg e_{1,3}}$$

$$3346. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor \neg t_{e_{1,3}, \, \neg e_{2,3}} \lor \neg t_{e_{1,$$

$$3347. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,$$

$$3348. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor \neg e_{2,3} \vdash \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor \neg t_{\neg e_{$$

$$3349. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, e_{1,5} \lor \neg t_{e_{1,5}, \, \neg e_{2,5}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \, \neg e_{2,5}} \lor e_{2,3}$$

$$3350. \ e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,3}$$

$$3351. \ e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, \neg t_{e_{2,5},\, e_{2,6}} \lor e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg t_{e_{2,5},\, e_{2,6}} \lor e_{2,5} \lor e_{2,3}$$

$$3352. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{1,6} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}} \vdash \neg e_{1,6} \lor e_{2,3} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}$$

$$3353. \ e_{2,3} \vee \neg t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{1,2} \vee \neg e_{2,3} \vee \neg e_{2,6} \vdash \neg e_{1,2} \vee \neg t_{\neg e_{1,2}, \, e_{2,3}} \vee \neg e_{2,6}$$

$$3354. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{2,3}$$

$$3355. \ e_{2,3} \vee \neg t_{\neg e_{1,2},\, e_{2,3}}, t_{e_{2,5},\, \neg e_{2,6}} \vee t_{e_{1,2},\, e_{2,3}} \vee t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{e_{2,5},\, \neg e_{2,6}} \vee t_{e_{1,2},\, e_{2,3}} \vee e_{2,3}$$

$$3356. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg e_{3,5} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor \neg e_{3,5}$$

$$3357. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor e_{2,3}$$

$$3358. \ e_{2,3} \vee \neg t_{\neg e_{1,2},\, e_{2,3}}, t_{e_{1,2},\, e_{2,3}} \vee t_{\neg e_{2,5},\, \neg e_{2,6}} \vee t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{e_{1,2},\, e_{2,3}} \vee t_{\neg e_{2,5},\, \neg e_{2,6}} \vee e_{2,3}$$

$$3359. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor e_{2,3}$$

$$3360. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, t_{e_{1,2}, \, e_{1,3}} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \, \neg e_{2,3}} \vdash t_{e_{1,2}, \, e_{1,3}} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor \neg t_{e_{1,3}, \, \neg e_{2$$

$$3361. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, t_{\neg e_{1,4}, \, e_{2,4}} \lor t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor t_{\neg e_{1,4}, \, e_{2,4}} \lor e_{2,3}$$

$$3362. \ e_{2,3} \vee \neg t_{\neg e_{1,2}, \, e_{2,3}}, \neg t_{e_{1,6}, \, e_{2,6}} \vee e_{1,6} \vee t_{\neg e_{1,2}, \, e_{2,3}} \vdash \neg t_{e_{1,6}, \, e_{2,6}} \vee e_{1,6} \vee e_{2,3}$$

3363.
$$e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, \neg t_{e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3} \vdash \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{2,3}$$

$$3364. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, t_{e_{1,2}, \, e_{2,3}} \lor t_{e_{2,5}, \, e_{2,6}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash t_{e_{1,2}, \, e_{2,3}} \lor t_{e_{2,5}, \, e_{2,6}} \lor e_{2,3}$$

$$3365. \ \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3$$

3366.
$$e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{1,2} \lor e_{2,3}$$

$$3367. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor e_{2,3}$$

$$3368. \ e_{2,3} \vee \neg t_{\neg e_{1,2}, \, e_{2,3}}, e_{3,5} \vee \neg e_{2,3} \vee e_{1,3} \vdash e_{3,5} \vee \neg t_{\neg e_{1,2}, \, e_{2,3}} \vee e_{1,3}$$

$$3369. \ e_{2,3} \lor \lnot t_{\lnot e_{1,2}, \, e_{2,3}}, \lnot e_{1,3} \lor \lnot e_{3,6} \lor \lnot e_{2,3} \vdash \lnot e_{1,3} \lor \lnot e_{3,6} \lor \lnot t_{\lnot e_{1,2}, \, e_{2,3}}$$

$$3370. \ \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, \neg t_{e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \, e_{2,3}} \lor e_{2,3} \lor e_{1,2}$$

3371.
$$e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,3} \lor e_{1,2} \lor e_{2,6} \vdash \neg t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2} \lor e_{2,6}$$

$$3372. \ e_{2,3} \vee \neg t_{\neg e_{1,2},\, e_{2,3}}, \neg t_{\neg e_{1,2},\, e_{1,3}} \vee t_{\neg e_{1,2},\, e_{2,3}} \vee e_{1,3} \vdash \neg t_{\neg e_{1,2},\, e_{1,3}} \vee e_{1,3} \vee e_{2,3}$$

$$3373. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, \neg t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, \, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{e_{1,2}, \, \neg e_{2,3}}$$

$$3374. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, t_{e_{2,5}, \, \neg e_{2,6}} \lor t_{e_{2,5}, \, e_{2,6}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash t_{e_{2,5}, \, \neg e_{2,6}} \lor t_{e_{2,5}, \, e_{2,6}} \lor e_{2,3}$$

$$3375. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \, e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \, e_{2,3}} \lor e_{2,3}$$

$$3376. \ \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor e_{2,3}$$

$$3377. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, t_{\neg e_{1,2}, \, e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \, \neg e_{2,6}} \vdash e_{2,3} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \, \neg e_{2,6}}$$

$$3378. \ \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2}, \, e_{1,3}} \lor \neg t_{\neg e_{1,2}, \, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \, e_{1,3}} \lor \neg t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor \neg t_{\neg e_{1,$$

3379.
$$e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,3} \lor \neg e_{3,5} \lor e_{1,3} \vdash \neg t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{3,5} \lor e_{1,3}$$

$$3380. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, t_{e_{1,3}, \, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \, \neg e_{2,3}} \vdash t_{e_{1,3}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor \neg t_{e_{1,3}, \, \neg e_{2,3}}$$

$$3381. \ e_{2,3} \vee \neg t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{2,3} \vee e_{2,5} \vee e_{1,2} \vdash \neg t_{\neg e_{1,2}, \, e_{2,3}} \vee e_{2,5} \vee e_{1,2}$$

$$3382. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor \neg e_{2,3} \lor e_{1,2} \vdash \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,2}$$

3383.
$$e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, t_{e_{2,5}, \neg e_{2,6}} \lor e_{1,4} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{2,5}, \neg e_{2,6}} \lor e_{2,3} \lor e_{1,4}$$

3384.
$$e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,3} \lor e_{3,5} \lor \neg e_{2,3} \vdash \neg e_{1,3} \lor e_{3,5} \lor \neg t_{\neg e_{1,2}, e_{2,3}}$$

$$3385. \ e_{2,3} \vee \neg t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{2,3} \vee \neg e_{2,6} \vee e_{1,2} \vdash \neg t_{\neg e_{1,2},\, e_{2,3}} \vee \neg e_{2,6} \vee e_{1,2}$$

$$3386. \ \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, \neg t_{e_{1,6}, \, \neg e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash \neg t_{e_{1,6}, \, \neg e_{2,6}} \lor e_{1,6} \lor e_{2,3}$$

3387.
$$e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,3}$$

$$3388. \ e_{2,3} \vee \neg t_{\neg e_{1,2}, \, e_{2,3}}, t_{\neg e_{2,5}, \, e_{2,6}} \vee e_{1,4} \vee t_{\neg e_{1,2}, \, e_{2,3}} \vdash t_{\neg e_{2,5}, \, e_{2,6}} \vee e_{2,3} \vee e_{1,4}$$

$$3389. \ \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{2,3} \lor e_{3,6} \lor e_{1,3} \vdash \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{3,6} \lor e_{1,3}$$

$$3390. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, t_{e_{2,5}, \, \neg e_{2,6}} \lor t_{\neg e_{1,4}, \, \neg e_{2,4}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash t_{e_{2,5}, \, \neg e_{2,6}} \lor t_{\neg e_{1,4}, \, \neg e_{2,4}} \lor e_{2,3}$$

3391.
$$e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash \neg e_{2,5} \lor e_{2,3} \lor \neg t_{\neg e_{2,5}, e_{2,6}}$$

$$3392. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, t_{\neg e_{1,2}, \, e_{2,3}} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}} \lor e_{2,6} \vdash e_{2,3} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}} \lor e_{2,6}$$

$$3393. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, \, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{e_{1,2}, \, \neg e_{1,3}}$$

$$3394. \ e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, t_{\neg e_{2,5},\, e_{2,6}} \lor t_{e_{2,5},\, e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{2,5},\, e_{2,6}} \lor t_{e_{2,5},\, e_{2,6}} \lor e_{2,3}$$

$$3395. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, t_{e_{1,4}, \, \neg e_{2,4}} \lor t_{\neg e_{2,5}, \, e_{2,6}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash t_{e_{1,4}, \, \neg e_{2,4}} \lor t_{\neg e_{2,5}, \, e_{2,6}} \lor e_{2,3}$$

3396.
$$e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{2,6} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{2,3} \lor \neg e_{2,6}$$

$$3397. \ e_{2,3} \vee \neg t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{1,3} \vee \neg e_{2,3} \vee e_{3,6} \vdash \neg e_{1,3} \vee \neg t_{\neg e_{1,2}, \, e_{2,3}} \vee e_{3,6}$$

$$3398. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor t_{\neg e_{1,4}, \, e_{2,4}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash t_{\neg e_{1,4}, \, e_{2,4}} \lor t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor e_{2,3}$$

$$3399. \ e_{2,3} \vee \neg t_{\neg e_{1,2},\, e_{2,3}}, t_{e_{1,4},\, e_{2,4}} \vee t_{e_{2,5},\, e_{2,6}} \vee t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{e_{1,4},\, e_{2,4}} \vee t_{e_{2,5},\, e_{2,6}} \vee e_{2,3}$$

$$3400. \ \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,3}, \, e_{2,3}} \lor \neg t_{e_{1,3}, \, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{e_{1,3}, \, e_{2,3}} \lor \neg t_{e_{1,3}, \, \neg e_$$

$$3401. \ \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, t_{e_{1,4}, \, \neg e_{2,4}} \lor t_{e_{2,5}, \, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash t_{e_{1,4}, \, \neg e_{2,4}} \lor t_{e_{2,5}, \, \neg e_{2,6}} \lor e_{2,3}$$

$$3402. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor e_{1,3} \vdash \neg t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,3}$$

$$3403. \ e_{2,3} \vee \neg t_{\neg e_{1,2}, \, e_{2,3}}, t_{e_{2,5}, \, \neg e_{2,6}} \vee t_{\neg e_{1,2}, \, \neg e_{2,3}} \vee t_{\neg e_{1,2}, \, e_{2,3}} \vdash t_{e_{2,5}, \, \neg e_{2,6}} \vee t_{\neg e_{1,2}, \, \neg e_{2,3}} \vee e_{2,3}$$

$$3404. \ e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, \neg t_{e_{2,5},\, e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,6} \vdash \neg t_{e_{2,5},\, e_{2,6}} \lor e_{2,3} \lor e_{2,6}$$

$$3405. \ e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, t_{e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{2,5},\, \neg e_{2,6}} \lor e_{2,3}$$

$$3406. \ e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, t_{\neg e_{2,5},\, e_{2,6}} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,3}$$

$$3407. \ \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, \neg t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor \neg e_{2,5} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash \neg t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor \neg e_{2,5} \lor e_{2,3}$$

$$3408. \ \ e_{2,3} \lor \lnot t_{\lnot e_{1,2}, \, e_{2,3}}, \lnot e_{1,2} \lor \lnot e_{2,3} \lor \lnot e_{2,5} \vdash \lnot e_{1,2} \lor \lnot t_{\lnot e_{1,2}, \, e_{2,3}} \lor \lnot e_{2,5}$$

$$3409. \ \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}}$$

$$3410. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, t_{e_{1,2}, \, e_{1,3}} \lor \neg t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg e_{2,3} \vdash t_{e_{1,2}, \, e_{1,3}} \lor \neg t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \, e_{2$$

3411.
$$e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{2,3} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$3412. \ e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, t_{\neg e_{2,5},\, e_{2,6}} \lor t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{2,5},\, e_{2,6}} \lor t_{\neg e_{2,5},\, \neg e_{2,6}} \lor e_{2,3}$$

3413.
$$e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor e_{2,5} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,5}$$

3414.
$$e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, \neg e_{3,6} \lor \neg e_{2,3} \lor e_{1,3} \vdash \neg e_{3,6} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}$$

3415.
$$e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, \neg t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,3} \vdash e_{2,3}$$

$$3416. \ \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, t_{e_{2,5}, \, e_{2,6}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash t_{e_{2,5}, \, e_{2,6}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor e_{2,3}$$

$$3417. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,3}, \, e_{2,3}} \vdash \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor \neg t_{\neg e_{1,2}$$

$$3418. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, \neg t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor \neg t_{\neg e_{$$

$$3419. \ \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \ e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor e_{2,6} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \ e_{2,3}} \lor e_{2,6}$$

$$3420. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, t_{e_{2,5}, \, e_{2,6}} \lor t_{\neg e_{1,4}, \, e_{2,4}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash t_{e_{2,5}, \, e_{2,6}} \lor t_{\neg e_{1,4}, \, e_{2,4}} \lor e_{2,3}$$

$$3421. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, \neg t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, \, e_{2,3}} \vdash \neg t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{e_{1,2}, \, e_{2,3}} \lor \neg t_{\neg e_{1,2}, \, e_{2$$

$$3422. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, t_{\neg e_{2,5}, \, e_{2,6}} \lor t_{\neg e_{1,4}, \, \neg e_{2,4}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash t_{\neg e_{2,5}, \, e_{2,6}} \lor t_{\neg e_{1,4}, \, \neg e_{2,4}} \lor e_{2,3}$$

$$3423. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, t_{e_{1,4}, \, e_{2,4}} \lor t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash t_{e_{1,4}, \, e_{2,4}} \lor t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor e_{2,3}$$

$$3424. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, t_{\neg e_{2,5}, \, e_{2,6}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash t_{\neg e_{2,5}, \, e_{2,6}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor e_{2,3}$$

$$3425. \ e_{2,3} \vee \neg t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{2,3} \vee \neg e_{2,5} \vee e_{1,2} \vdash \neg t_{\neg e_{1,2},\, e_{2,3}} \vee \neg e_{2,5} \vee e_{1,2}$$

$$3426. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2}, \, e_{1,3}} \lor \neg t_{e_{1,3}, \, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \, e_{1,3}} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor \neg t_{e_{1,3}, \, \neg e_{2,3}} \lor \neg t_{e_{1,3}, \, \neg$$

$$3427. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{2,4} \vdash t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor e_{2,3} \lor e_{2,4}$$

$$3428. \ e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,4} \vdash t_{\neg e_{2,5},\, \neg e_{2,6}} \lor e_{2,3} \lor e_{2,4}$$

3429.
$$e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, t_{e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,4} \vdash t_{e_{2,5}, e_{2,6}} \lor e_{2,3} \lor e_{2,4}$$

$$3430. \ \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, t_{e_{1,2}, \, \neg e_{2,3}} \lor e_{1,6} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash t_{e_{1,2}, \, \neg e_{2,3}} \lor e_{1,6} \lor e_{2,3}$$

3431.
$$e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, e_{1,5} \lor t_{e_{1,4}, e_{2,4}} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash e_{1,5} \lor t_{e_{1,4}, e_{2,4}} \lor e_{2,3}$$

3432.
$$e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{2,3}$$

3433.
$$e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,3} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$3434. \ \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \ e_{2,3}}, \neg t_{e_{1,2}, \ \neg e_{1,3}} \lor t_{\neg e_{1,2}, \ e_{2,3}} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \ \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$3435. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,2}, \, \neg e_{2,3}} \lor e_{1,3} \lor e_{2,3}$$

3436.
$$e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

3437.
$$e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,2}, e_{2,3}} \lor e_{1,3} \lor e_{2,3}$$

3438.
$$e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, \neg t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3} \vdash \neg t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,3} \lor e_{2,3}$$

$$3439. \ e_{2,3} \vee \neg t_{\neg e_{1,2}, \, e_{2,3}}, t_{e_{1,3}, \, \neg e_{2,3}} \vee t_{\neg e_{1,2}, \, e_{2,3}} \vee e_{1,2} \vdash t_{e_{1,3}, \, \neg e_{2,3}} \vee e_{2,3} \vee e_{1,2}$$

3440.
$$e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,3} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

3441.
$$e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, t_{e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2}$$

$$3442. \ e_{2,3} \vee \neg t_{\neg e_{1,2},\, e_{2,3}}, t_{e_{1,2},\, e_{1,3}} \vee t_{\neg e_{1,2},\, e_{2,3}} \vee e_{2,6} \vdash t_{e_{1,2},\, e_{1,3}} \vee e_{2,3} \vee e_{2,6}$$

$$3443. \ e_{2,3} \vee \neg t_{\neg e_{1,2}, \, e_{2,3}}, t_{\neg e_{1,2}, \, e_{2,3}} \vee e_{2,6} \vee t_{e_{1,2}, \, \neg e_{1,3}} \vdash e_{2,3} \vee e_{2,6} \vee t_{e_{1,2}, \, \neg e_{1,3}}$$

$$3444. \ e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, t_{\neg e_{1,6},\, e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor e_{1,6} \lor e_{2,3}$$

$$3445. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{2,6} \vdash t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor e_{2,3} \lor e_{2,6}$$

$$3446. \ e_{2,3} \vee \neg t_{\neg e_{1,2},\, e_{2,3}}, t_{\neg e_{1,2},\, e_{1,3}} \vee t_{\neg e_{1,2},\, e_{2,3}} \vee e_{2,6} \vdash t_{\neg e_{1,2},\, e_{1,3}} \vee e_{2,3} \vee e_{2,6}$$

3447.
$$e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,6} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,3} \lor e_{2,6}$$

$$3448. \ e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash e_{2,3} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$3449. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, e_{1,6} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor e_{1,6} \lor e_{2,3}$$

3450.
$$e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \lor e_{2,3}$$

$$3451. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, \neg t_{e_{1,6}, \, \neg e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash \neg t_{e_{1,6}, \, \neg e_{2,6}} \lor e_{1,6} \lor e_{2,3}$$

$$3452. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, t_{e_{1,2}, \, e_{2,3}} \lor e_{1,6} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash t_{e_{1,2}, \, e_{2,3}} \lor e_{1,6} \lor e_{2,3}$$

3453.
$$e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg e_{2,6} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{2,6}$$

$$3454. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, t_{e_{1,3}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash e_{2,3} \lor t_{e_{1,3}, \, \neg e_{2,3}}$$

$$3455. \ e_{2,3} \vee \neg t_{\neg e_{1,2}, \, e_{2,3}}, t_{e_{1,3}, \, \neg e_{2,3}} \vee \neg e_{2,3} \vee \neg e_{2,5} \vdash t_{e_{1,3}, \, \neg e_{2,3}} \vee \neg t_{\neg e_{1,2}, \, e_{2,3}} \vee \neg e_{2,5}$$

$$3456. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, t_{e_{1,3}, \, \neg e_{2,3}} \lor \neg e_{2,3} \lor e_{2,5} \vdash t_{e_{1,3}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{2,5}$$

$$3457. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, t_{e_{1,3}, \, \neg e_{2,3}} \lor \neg e_{2,3} \lor e_{2,6} \vdash t_{e_{1,3}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{2,6}$$

$$3458. \ e_{2,3} \vee \neg t_{\neg e_{1,2}, \, e_{2,3}}, t_{\neg e_{1,2}, \, e_{2,3}} \vee e_{1,6} \vee t_{\neg e_{1,2}, \, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \, \neg e_{2,3}} \vee e_{1,6} \vee e_{2,3}$$

$$3459. \ e_{2,3} \vee \neg t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,2} \vee \neg e_{2,3} \vee t_{e_{1,6},\, \neg e_{2,6}} \vdash \neg e_{1,2} \vee t_{e_{1,6},\, \neg e_{2,6}} \vee \neg t_{\neg e_{1,2},\, e_{2,3}}$$

$$3460. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor \neg t_{e_{2,5}, \, \neg e_{2,6}} \vdash t_{e_{1,6}, \, \neg e_{2,6}} \lor e_{2,3} \lor \neg t_{e_{2,5}, \, \neg e_{2,6}}$$

$$3461. \ \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor e_{1,2} \vdash t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,2}$$

$$3462. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{2,3}$$

$$3463. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, t_{e_{1,3}, \, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,6}, \, \neg e_{2,6}} \vdash t_{e_{1,3}, \, \neg e_{2,3}} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}$$

$$3464. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, e_{1,5} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash e_{1,5} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor e_{2,3}$$

$$3465. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor t_{e_{1,2}, \, \neg e_{1,3}} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{e_{1,2}, \, \neg e_{1,3}}$$

$$3466. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, t_{e_{1,2}, \, \neg e_{1,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor \neg t_{e_{2,5}, \, \neg e_{2,6}} \vdash t_{e_{1,2}, \, \neg e_{1,3}} \lor e_{2,3} \lor \neg t_{e_{2,5}, \, \neg e_{2,6}}$$

$$3467. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{2,3} \lor e_{1,2} \lor t_{e_{1,2}, \, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,2} \lor t_{e_{1,2}, \, \neg e_{1,3}}$$

$$3468. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, \neg t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{e_{1,2}, \, \neg e_{1,3}} \vdash \neg t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor e_{2,3} \lor t_{e_{1,2}, \, \neg e_{1,3}}$$

$$3469. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, t_{e_{1,3}, \, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, \, \neg e_{1,3}} \vdash t_{e_{1,3}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{e_{1,2}, \, \neg e_{1,3}}$$

$$3470. \ e_{2,3} \vee \neg t_{\neg e_{1,2}, \, e_{2,3}}, t_{\neg e_{1,2}, \, e_{2,3}} \vee e_{1,6} \vee t_{\neg e_{1,2}, \, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, \, \neg e_{1,3}} \vee e_{1,6} \vee e_{2,3}$$

$$3471. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor e_{2,3}$$

$$3472. \ e_{2,3} \vee \neg t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,3} \vee t_{\neg e_{1,2},\, e_{2,3}} \vee e_{1,2} \vdash \neg e_{1,3} \vee e_{2,3} \vee e_{1,2}$$

$$3473. \ e_{2,3} \vee \neg t_{\neg e_{1,2}, \, e_{2,3}}, e_{4,5} \vee e_{2,5} \vee t_{\neg e_{1,2}, \, e_{2,3}} \vdash e_{4,5} \vee e_{2,5} \vee e_{2,3}$$

$$3474. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, \neg t_{\neg e_{1,5}, \, e_{1,6}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash \neg t_{\neg e_{1,5}, \, e_{1,6}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \lor e_{2,3}$$

3475.
$$e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{1,2} \lor \neg e_{1,3} \lor e_{2,3}$$

$$3476. \ \ e_{2,3} \lor \lnot t_{\lnot e_{1,2}, \, e_{2,3}}, \lnot t_{\lnot e_{1,5}, \, e_{1,6}} \lor t_{\lnot e_{1,2}, \, \lnot e_{1,3}} \lor t_{\lnot e_{1,2}, \, e_{2,3}} \vdash \lnot t_{\lnot e_{1,5}, \, e_{1,6}} \lor t_{\lnot e_{1,2}, \, \lnot e_{1,3}} \lor e_{2,3}$$

3477.
$$e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash e_{1,3} \lor e_{2,3} \lor e_{1,2}$$

$$3478. \ \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, \neg t_{\neg e_{1,5}, \, e_{2,5}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash \neg t_{\neg e_{1,5}, \, e_{2,5}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor e_{2,3}$$

$$3479. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, t_{\neg e_{1,2}, \, e_{1,3}} \lor \neg t_{\neg e_{1,5}, \, e_{1,6}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash t_{\neg e_{1,2}, \, e_{1,3}} \lor \neg t_{\neg e_{1,5}, \, e_{1,6}} \lor e_{2,3}$$

$$3480. \ \ e_{2,3} \lor \lnot t_{\lnot e_{1,2}, \ e_{2,3}}, \lnot t_{\lnot e_{1,5}, \ e_{2,5}} \lor t_{e_{1,2}, \ \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, \ e_{2,3}} \vdash \lnot t_{\lnot e_{1,5}, \ e_{2,5}} \lor t_{e_{1,2}, \ \lnot e_{2,3}} \lor e_{2,3}$$

$$3481. \ \ e_{2,3} \lor \lnot t_{\lnot e_{1,2}, \, e_{2,3}}, \lnot t_{\lnot e_{1,5}, \, e_{2,5}} \lor t_{\lnot e_{1,2}, \, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, \, e_{2,3}} \vdash \lnot t_{\lnot e_{1,5}, \, e_{2,5}} \lor t_{\lnot e_{1,2}, \, \lnot e_{2,3}} \lor e_{2,3}$$

3482.
$$e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{4,5} \vdash \neg e_{2,5} \lor \neg e_{4,5} \lor e_{2,3}$$

$$3483. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor e_{2,3}$$

3484.
$$e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, e_{5,6} \lor \neg e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash e_{5,6} \lor \neg e_{2,5} \lor e_{2,3}$$

3485.
$$e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, e_{5,6} \lor e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash e_{5,6} \lor e_{2,5} \lor e_{2,3}$$

$$3486. \ \ e_{2,3} \lor \lnot t_{\lnot e_{1,2}, \, e_{2,3}}, t_{e_{1,6}, \, \lnot e_{2,6}} \lor \lnot t_{\lnot e_{1,5}, \, e_{1,6}} \lor t_{\lnot e_{1,2}, \, e_{2,3}} \vdash t_{e_{1,6}, \, \lnot e_{2,6}} \lor \lnot t_{\lnot e_{1,5}, \, e_{1,6}} \lor e_{2,3}$$

3487.
$$e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, \neg e_{5,6} \lor e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{5,6} \lor e_{2,5} \lor e_{2,3}$$

3488.
$$e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3} \vdash \neg e_{1,2} \lor e_{1,3} \lor e_{2,3}$$

$$3489. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$3490. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{2,6} \vdash \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \lor e_{2,3} \lor e_{2,6}$$

3491.
$$e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, \neg e_{5,6} \lor \neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{5,6} \lor \neg e_{2,5} \lor e_{2,3}$$

$$3492. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, t_{e_{1,2}, \, e_{2,3}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash t_{e_{1,2}, \, e_{2,3}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor e_{2,3}$$

$$3493. \ \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}} \vdash \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \lor e_{2,3} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}$$

$$3494. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, t_{\neg e_{1,2}, \, e_{1,3}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash t_{\neg e_{1,2}, \, e_{1,3}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \lor e_{2,3}$$

$$3495. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \lor e_{2,3}$$

$$3496. \ \ e_{2,3} \lor \lnot t_{\lnot e_{1,2}, \, e_{2,3}}, t_{e_{1,2}, \, e_{1,3}} \lor \lnot t_{\lnot e_{1,5}, \, \lnot e_{1,6}} \lor t_{\lnot e_{1,2}, \, e_{2,3}} \vdash t_{e_{1,2}, \, e_{1,3}} \lor \lnot t_{\lnot e_{1,5}, \, \lnot e_{1,6}} \lor e_{2,3}$$

$$3497. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, t_{e_{1,5}, \, e_{2,5}} \lor \neg t_{\neg e_{1,5}, \, e_{2,5}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash t_{e_{1,5}, \, e_{2,5}} \lor \neg t_{\neg e_{1,5}, \, e_{2,5}} \lor e_{2,3}$$

$$3498. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, \neg t_{\neg e_{1,5}, \, e_{2,5}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{1,5}, \, e_{2,5}} \vdash \neg t_{\neg e_{1,5}, \, e_{2,5}} \lor e_{2,3} \lor t_{\neg e_{1,5}, \, e_{2,5}} \lor e_{2,4} \lor t_{\neg e_{1,5}, \, e_{2,5}} \lor e_{2,5} \lor e$$

3499.
$$e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{4,5} \vdash e_{2,5} \lor \neg e_{4,5} \lor e_{2,3}$$

$$3500. \ \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, e_{4,5} \lor \neg e_{2,5} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash e_{4,5} \lor \neg e_{2,5} \lor e_{2,3}$$

$$3501. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{e_{1,2}, \, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \lor e_{2,3} \lor t_{e_{1,2}, \, \neg e_{1,3}}$$

$$3502. \ \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, t_{e_{1,2}, \, e_{1,3}} \lor \neg t_{\neg e_{1,5}, \, e_{1,6}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash t_{e_{1,2}, \, e_{1,3}} \lor \neg t_{\neg e_{1,5}, \, e_{1,6}} \lor e_{2,3}$$

$$3503. \ \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \lor e_{2,3}$$

$$3504. \ \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, t_{e_{1,2}, \, e_{2,3}} \lor \neg t_{\neg e_{1,5}, \, e_{2,5}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash t_{e_{1,2}, \, e_{2,3}} \lor \neg t_{\neg e_{1,5}, \, e_{2,5}} \lor e_{2,3}$$

$$3505. \ \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, t_{e_{1,6}, \, e_{2,6}} \lor \neg t_{\neg e_{1,5}, \, e_{1,6}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash \neg t_{\neg e_{1,5}, \, e_{1,6}} \lor t_{e_{1,6}, \, e_{2,6}} \lor e_{2,3}$$

$$3506. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, t_{e_{1,5}, \, \neg e_{2,5}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash t_{e_{1,5}, \, \neg e_{2,5}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor e_{2,3}$$

$$3507. \ \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \ e_{2,3}}, t_{\neg e_{1,5}, \ \neg e_{2,5}} \lor \neg t_{\neg e_{1,5}, \ \neg e_{2,5}} \lor t_{\neg e_{1,2}, \ e_{2,3}} \vdash t_{\neg e_{1,5}, \ \neg e_{2,5}} \lor \neg t_{\neg e_{1,5}, \ \neg e_{2,5}} \lor e_{2,3}$$

$$3508. \ \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,3}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash \neg e_{1,3} \lor t_{e_{1,3}, \, \neg e_{2,3}} \lor e_{2,3}$$

3509.
$$e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3} \lor e_{2,3}$$

$$3510. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,2}, \, e_{2,3}} \lor \neg e_{3,5} \vdash t_{e_{1,2}, \, e_{2,3}} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor \neg e_{3,5}$$

$$3511. \ \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, \neg t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor t_{e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash \neg t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor t_{e_{1,2}, \, e_{2,3}} \lor e_{2,3}$$

$$3512. \ e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{3,6} \lor \neg e_{2,3} \lor t_{e_{1,2},\, e_{2,3}} \vdash \neg e_{3,6} \lor t_{e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}$$

3513.
$$e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash e_{1,3} \lor e_{2,3} \lor e_{1,2}$$

$$3514. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, \neg t_{\neg e_{1,3}, \, e_{2,3}} \lor t_{e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash \neg t_{\neg e_{1,3}, \, e_{2,3}} \lor t_{e_{1,2}, \, e_{2,3}} \lor e_{2,3}$$

$$3515. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, e_{3,5} \lor \neg e_{2,3} \lor t_{e_{1,2}, \, e_{2,3}} \vdash e_{3,5} \lor t_{e_{1,2}, \, e_{2,3}} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}$$

$$3516. \ e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,2},\, e_{2,3}} \lor e_{3,6} \vdash t_{e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor e_{3,6}$$

$$3517. \ e_{2,3} \vee \neg t_{\neg e_{1,2},\, e_{2,3}}, t_{e_{1,2},\, e_{2,3}} \vee t_{\neg e_{1,2},\, e_{2,3}} \vee e_{1,2} \vdash t_{e_{1,2},\, e_{2,3}} \vee e_{2,3} \vee e_{1,2}$$

$$3518. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash \neg e_{1,2} \lor t_{e_{1,2}, \, e_{2,3}} \lor e_{2,3}$$

3519.
$$e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{2,3}$$

$$3520. \ \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, \neg t_{\neg e_{1,5}, \, e_{2,5}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash \neg t_{\neg e_{1,5}, \, e_{2,5}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor e_{2,3}$$

$$3521. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor e_{2,3}$$

$$3522. \ e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,6} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor e_{1,6} \lor e_{2,3}$$

$$3523. \ e_{2,3} \vee \neg t_{\neg e_{1,2}, \, e_{2,3}}, t_{\neg e_{1,3}, \, \neg e_{2,3}} \vee t_{\neg e_{1,2}, \, e_{2,3}} \vee e_{1,3} \vdash t_{\neg e_{1,3}, \, \neg e_{2,3}} \vee e_{1,3} \vee e_{2,3}$$

$$3524. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, e_{1,5} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{e_{1,2}, \, \neg e_{1,3}} \vdash e_{1,5} \lor e_{2,3} \lor t_{e_{1,2}, \, \neg e_{1,3}}$$

$$3525. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,2} \vdash t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor e_{2,3} \lor e_{1,2}$$

$$3526. \ e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,6} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash e_{1,6} \lor e_{2,3} \lor t_{\neg e_{1,5},\, e_{2,5}}$$

$$3527. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, \neg t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash \neg t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor e_{2,3}$$

$$3528. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, e_{1,5} \lor t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash e_{1,5} \lor t_{\neg e_{1,6}, \, e_{2,6}} \lor e_{2,3}$$

$$3529. \ \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \ e_{2,3}}, t_{e_{1,2}, \ e_{1,3}} \lor \neg t_{\neg e_{1,2}, \ \neg e_{2,3}} \lor t_{\neg e_{1,2}, \ e_{2,3}} \vdash t_{e_{1,2}, \ e_{1,3}} \lor \neg t_{\neg e_{1,2}, \ \neg e_{2,3}} \lor e_{2,3}$$

$$3530. \ \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor t_{\neg e_{1,2}, \, e_{1,3}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,2}, \, e_{1,3}} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}$$

$$3531. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, t_{\neg e_{1,2}, \, e_{1,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor \neg t_{e_{2,5}, \, \neg e_{2,6}} \vdash t_{\neg e_{1,2}, \, e_{1,3}} \lor e_{2,3} \lor \neg t_{e_{2,5}, \, \neg e_{2,6}}$$

$$3532. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2}, \, e_{1,3}} \lor e_{1,2} \vdash t_{\neg e_{1,2}, \, e_{1,3}} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,2}$$

$$3533. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{2,3}$$

$$3534. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, t_{e_{1,3}, \, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,2}, \, e_{1,3}} \vdash t_{e_{1,3}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{1,3}} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}$$

$$3535. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, e_{1,5} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{1,5}, \, e_{2,5}} \vdash e_{1,5} \lor e_{2,3} \lor t_{\neg e_{1,5}, \, e_{2,5}}$$

$$3536. \ e_{2,3} \vee \neg t_{\neg e_{1,2}, \, e_{2,3}}, t_{e_{1,4}, \, \neg e_{2,4}} \vee t_{\neg e_{1,2}, \, e_{2,3}} \vee e_{1,6} \vdash t_{e_{1,4}, \, \neg e_{2,4}} \vee e_{1,6} \vee e_{2,3}$$

$$3537. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, \neg t_{e_{1,2}, \, \neg e_{1,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$3538. \ \ e_{2,3} \lor \lnot t_{\lnot e_{1,2}, \ e_{2,3}}, t_{e_{1,2}, \ \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, \ e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,2}, \ \lnot e_{2,3}} \lor e_{1,3} \lor e_{2,3}$$

3539.
$$e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

3540.
$$e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,2}, e_{2,3}} \lor e_{1,3} \lor e_{2,3}$$

$$3541. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, \neg t_{\neg e_{1,2}, \, e_{1,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,3} \vdash \neg t_{\neg e_{1,2}, \, e_{1,3}} \lor e_{1,3} \lor e_{2,3}$$

$$3542. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, t_{e_{1,3}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,3}, \, \neg e_{2,3}} \lor e_{2,3} \lor e_{1,2}$$

$$3543. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,3} \lor t_{e_{1,2}, \, \neg e_{1,3}} \vdash e_{1,3} \lor e_{2,3} \lor t_{e_{1,2}, \, \neg e_{1,3}}$$

$$3544. \ e_{2,3} \vee \neg t_{\neg e_{1,2},\, e_{2,3}}, t_{e_{1,3},\, e_{2,3}} \vee t_{\neg e_{1,2},\, e_{2,3}} \vee e_{1,2} \vdash t_{e_{1,3},\, e_{2,3}} \vee e_{2,3} \vee e_{1,2}$$

$$3545. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}} \vdash t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor e_{2,3} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}}$$

$$3546. \ \ e_{2,3} \lor \lnot t_{\lnot e_{1,2}, \ e_{2,3}}, \lnot t_{\lnot e_{2,5}, \ \lnot e_{2,6}} \lor t_{\lnot e_{1,2}, \ \lnot e_{1,3}} \lor t_{\lnot e_{1,2}, \ e_{2,3}} \vdash \lnot t_{\lnot e_{2,5}, \ \lnot e_{2,6}} \lor t_{\lnot e_{1,2}, \ \lnot e_{1,3}} \lor e_{2,3}$$

$$3547. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}}$$

$$3548. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor e_{1,2} \vdash \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor e_{1,2}$$

$$3549. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, t_{e_{1,3}, \, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \vdash t_{e_{1,3}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}}$$

$$3550. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor \neg e_{4,5} \vdash t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor \neg e_{4,5} \lor e_{2,3}$$

$$3551. \ e_{2,3} \vee \neg t_{\neg e_{1,2}, \, e_{2,3}}, e_{5,6} \vee t_{\neg e_{1,2}, \, \neg e_{1,3}} \vee t_{\neg e_{1,2}, \, e_{2,3}} \vdash e_{5,6} \vee t_{\neg e_{1,2}, \, \neg e_{1,3}} \vee e_{2,3}$$

$$3552. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{5,6} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash \neg e_{5,6} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor e_{2,3}$$

$$3553. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, e_{4,5} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash e_{4,5} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor e_{2,3}$$

$$3554. \ e_{2,3} \vee \neg t_{\neg e_{1,2}, \, e_{2,3}}, t_{e_{1,5}, \, \neg e_{2,5}} \vee e_{1,5} \vee t_{\neg e_{1,2}, \, e_{2,3}} \vdash t_{e_{1,5}, \, \neg e_{2,5}} \vee e_{1,5} \vee e_{2,3}$$

$$3555. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, t_{e_{1,5}, \, e_{2,5}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,5}, \, e_{2,5}} \lor e_{2,3} \lor e_{1,2}$$

$$3556. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, e_{1,5} \lor t_{e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash e_{1,5} \lor t_{e_{1,2}, \, e_{2,3}} \lor e_{2,3}$$

$$3557. \ e_{2,3} \vee \neg t_{\neg e_{1,2}, \, e_{2,3}}, e_{1,5} \vee t_{\neg e_{1,2}, \, e_{2,3}} \vee t_{e_{1,2}, \, \neg e_{1,3}} \vdash e_{1,5} \vee e_{2,3} \vee t_{e_{1,2}, \, \neg e_{1,3}}$$

3558.
$$e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, t_{e_{1,2}, e_{1,3}} \lor e_{1,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{1,5} \lor e_{2,3}$$

$$3559. \ \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,2} \vdash t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor e_{2,3} \lor e_{1,2}$$

$$3560. \ \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, t_{e_{1,5}, \, \neg e_{2,5}} \lor e_{1,6} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash t_{e_{1,5}, \, \neg e_{2,5}} \lor e_{1,6} \lor e_{2,3}$$

$$3561. \ e_{2,3} \vee \neg t_{\neg e_{1,2}, \, e_{2,3}}, t_{e_{1,3}, \, \neg e_{2,3}} \vee t_{\neg e_{1,2}, \, e_{2,3}} \vee e_{1,3} \vdash t_{e_{1,3}, \, \neg e_{2,3}} \vee e_{1,3} \vee e_{2,3}$$

$$3562. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, t_{e_{1,3}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,3}, \, \neg e_{2,3}} \lor e_{1,3} \lor e_{2,3}$$

$$3563. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, e_{1,5} \lor t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash e_{1,5} \lor t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor e_{2,3}$$

$$3564. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, e_{1,5} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{1,5}, \, e_{2,5}} \vdash e_{1,5} \lor e_{2,3} \lor t_{\neg e_{1,5}, \, e_{2,5}}$$

$$3565. \ \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor \neg e_{3,5} \vdash t_{\neg e_{1,3}, \, e_{2,3}} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor \neg e_{3,5}$$

$$3566. \ \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, \neg t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash \neg t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor e_{2,3}$$

$$3567. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{3,6} \lor \neg e_{2,3} \lor t_{\neg e_{1,3}, \, e_{2,3}} \vdash \neg e_{3,6} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}$$

$$3568. \ \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, \neg t_{\neg e_{1,3}, \, e_{2,3}} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash \neg t_{\neg e_{1,3}, \, e_{2,3}} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor e_{2,3}$$

$$3569. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, e_{3,5} \lor \neg e_{2,3} \lor t_{\neg e_{1,3}, \, e_{2,3}} \vdash e_{3,5} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}$$

$$3570. \ e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor e_{3,6} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor e_{3,6}$$

$$3571. \ e_{2,3} \vee \neg t_{\neg e_{1,2},\, e_{2,3}}, t_{\neg e_{1,3},\, e_{2,3}} \vee t_{\neg e_{1,2},\, e_{2,3}} \vee e_{1,2} \vdash t_{\neg e_{1,3},\, e_{2,3}} \vee e_{2,3} \vee e_{1,2}$$

$$3572. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{1,2} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor e_{2,3}$$

$$3573. \ e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, t_{e_{1,3}, \, \neg e_{2,3}} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash t_{e_{1,3}, \, \neg e_{2,3}} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor e_{2,3}$$

$$3574. \ e_{2,3} \vee \neg t_{\neg e_{1,2},\, e_{2,3}}, t_{e_{1,2},\, e_{1,3}} \vee e_{1,6} \vee t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{e_{1,2},\, e_{1,3}} \vee e_{1,6} \vee e_{2,3}$$

$$3575. \ t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,3}$$

$$3576. \ t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$3577. \ t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,2}$$

$$3578. \ \ t_{e_{1,6},\, \neg e_{2,6}} \lor t_{e_{1,2},\, e_{2,3}}, \neg t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}$$

$$3579. \ t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,2} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,2}$$

3580.
$$t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,3}$$

$$3581. \ \ t_{e_{1,6},\, \neg e_{2,6}} \lor t_{e_{1,2},\, e_{2,3}}, \neg t_{e_{1,2},\, e_{2,3}} \lor t_{e_{1,3},\, e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,6},\, \neg e_{2,6}} \lor t_{e_{1,3},\, e_{2,3}} \lor e_{1,2}$$

$$3582. \ t_{e_{1,6},\, \neg e_{2,6}} \lor t_{e_{1,2},\, e_{2,3}}, \neg t_{e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, e_{1,3}} \lor e_{2,3} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor e_{2,3}$$

$$3583. \ t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}, t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,3}$$

3584.
$$t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,3} \lor e_{1,2}$$

$$3585. \ \ t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,3}, e_{2,3}}, t_{\neg e_{1,3}, e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$3586. \ \ t_{e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,3},\, e_{2,3}}, t_{e_{1,2},\, e_{2,3}} \lor \neg t_{e_{1,3},\, e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,2},\, e_{2,3}} \lor e_{1,3} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$3587. \ t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$3588. \ \ t_{e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,3},\, e_{2,3}}, \neg t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{e_{1,3},\, e_{2,3}} \lor e_{2,3} \vdash \neg t_{\neg e_{1,3},\, e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2},\, \neg e_{1,3}} \lor e_{2,3} \lor e_{2,4} \lor e_{2,4}$$

$$3589. \ \ t_{e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,3},\, e_{2,3}}, t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{e_{1,3},\, e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$3590. \ t_{e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,3},\, e_{2,3}}, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{e_{1,3},\, e_{2,3}} \lor e_{1,3} \vdash \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3} \lor t_{e_{1,2},\, \neg e_{1,3}} \lor e_{1,3} \lor e_{1,4} \lor e_{1,4}, \neg e_{1,4}, \neg$$

3591.
$$t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,3}, e_{2,3}}, t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$3592. \ \ t_{e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,3},\, e_{2,3}}, t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,3},\, e_{2,3}} \lor e_{2,3} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,3} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

3593.
$$t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{2,3} \vdash e_{1,3} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$3594. \ \ t_{e_{1,4},\, \neg e_{2,4}} \lor t_{e_{1,6},\, e_{2,6}}, t_{e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,6},\, e_{2,6}} \lor e_{2,6} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,4},\, \neg e_{2,4}} \lor e_{2,6}$$

$$3595. \ t_{e_{1,4},\, \neg e_{2,4}} \lor t_{e_{1,6},\, e_{2,6}}, \neg t_{e_{1,6},\, e_{2,6}} \lor e_{2,6} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{e_{1,4},\, \neg e_{2,4}} \lor e_{2,6} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$3596. \ \ t_{e_{1,4}, \neg e_{2,4}} \lor t_{e_{1,6}, \, e_{2,6}}, \neg t_{e_{1,6}, \, e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash t_{e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,6}$$

$$3597. \ t_{e_{1,4}, \neg e_{2,4}} \lor t_{e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \vdash t_{e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,6}$$

$$3598. \ \ t_{e_{1,4},\, \neg e_{2,4}} \lor t_{e_{1,6},\, e_{2,6}}, \neg t_{e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{2,6} \vdash t_{e_{1,4},\, \neg e_{2,4}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{2,6}$$

$$3599. \ t_{e_{1,4}, \neg e_{2,4}} \lor t_{e_{1,6}, e_{2,6}}, t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,6} \vdash t_{e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,6}$$

3600.
$$t_{e_{1,4}, \neg e_{2,4}} \lor t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,6} \vdash t_{e_{1,4}, \neg e_{2,4}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,6}$$

$$3601. \ \ t_{e_{1,4},\, \neg e_{2,4}} \lor t_{e_{1,6},\, e_{2,6}}, \neg t_{e_{1,6},\, e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash t_{e_{1,4},\, \neg e_{2,4}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_$$

$$3602. \ t_{e_{1,4}, \neg e_{2,4}} \lor t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,4}, \neg e_{2,4}} \lor e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

3603.
$$t_{e_{1,4}, \neg e_{2,4}} \lor t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,4}, \neg e_{2,4}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6}$$

$$3604. \ t_{e_{1,4}, \neg e_{2,4}} \lor t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6} \vdash t_{e_{1,4}, \neg e_{2,4}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6}$$

$$3605. \ \ t_{e_{1,4}, \, \neg e_{2,4}} \lor t_{e_{1,6}, \, e_{2,6}}, \neg t_{e_{1,6}, \, e_{2,6}} \lor t_{e_{1,2}, \, e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,4}, \, \neg e_{2,4}} \lor t_{e_{1,2}, \, e_{2,3}} \lor e_{1,6}$$

$$3606. \ t_{e_{1,4}, \, \neg e_{2,4}} \lor t_{e_{1,6}, \, e_{2,6}}, \neg t_{e_{1,6}, \, e_{2,6}} \lor e_{1,6} \lor e_{2,3} \vdash t_{e_{1,4}, \, \neg e_{2,4}} \lor e_{1,6} \lor e_{2,3}$$

$$3607. \ e_{2,3} \lor t_{\neg e_{1,2}, \, e_{1,3}}, \neg t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, \, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{1,3}} \lor t_{e_{1,2}, \, \neg e_{1,3}}$$

$$3608. \ \ e_{2,3} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}}$$

$$3609. \ e_{2,3} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{2,3} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor$$

$$3610. \ e_{2,3} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, \neg e_{2,3}} \lor \neg e_{2,3} \vdash \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}}$$

$$3611. \ e_{2,3} \lor t_{\lnot e_{1,2},\, e_{1,3}}, \lnot e_{1,2} \lor \lnot e_{2,3} \lor \lnot e_{2,6} \vdash \lnot e_{1,2} \lor t_{\lnot e_{1,2},\, e_{1,3}} \lor \lnot e_{2,6}$$

3612.
$$e_{2,3} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg e_{3,5} \vdash \neg e_{1,3} \lor t_{\neg e_{1,2}, e_{1,3}} \lor \neg e_{3,5}$$

$$3613. \ e_{2,3} \lor t_{\neg e_{1,2},\, e_{1,3}}, t_{e_{1,2},\, e_{1,3}} \lor \neg e_{2,3} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}}$$

$$3614. \ e_{2,3} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{2,3} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}}$$

3615.
$$e_{2,3} \lor t_{\neg e_{1,2}, e_{1,3}}, e_{3,5} \lor \neg e_{2,3} \lor e_{1,3} \vdash e_{3,5} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,3}$$

$$3616. \ e_{2,3} \lor t_{\lnot e_{1,2}, \, e_{1,3}}, \lnot e_{1,3} \lor \lnot e_{3,6} \lor \lnot e_{2,3} \vdash \lnot e_{1,3} \lor \lnot e_{3,6} \lor t_{\lnot e_{1,2}, \, e_{1,3}}$$

$$3617. \ \ e_{2,3} \lor t_{\lnot e_{1,2}, \, e_{1,3}}, \lnot e_{2,3} \lor e_{1,2} \lor e_{2,6} \vdash t_{\lnot e_{1,2}, \, e_{1,3}} \lor e_{1,2} \lor e_{2,6}$$

$$3618. \ e_{2,3} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{e_{2,2},\, e_{2,2}} \lor t_{e_{2,2}} \lor t_{e_{2$$

$$3619. \ \ e_{2,3} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{2,3} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{$$

3620.
$$e_{2,3} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{1,3}}$$

3621.
$$e_{2,3} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{2,3} \lor \neg e_{3,5} \lor e_{1,3} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor \neg e_{3,5} \lor e_{1,3}$$

$$3622. \ e_{2,3} \lor t_{\neg e_{1,2},\, e_{1,3}}, t_{e_{1,3},\, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}}$$

3623.
$$e_{2,3} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{2,3} \lor e_{2,5} \lor e_{1,2} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,5} \lor e_{1,2}$$

$$3624. \ e_{2,3} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor \neg e_{2,3} \lor e_{1,2} \vdash \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor e_{1,2}$$

3625.
$$e_{2,3} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{1,3} \lor e_{3,5} \lor \neg e_{2,3} \vdash \neg e_{1,3} \lor e_{3,5} \lor t_{\neg e_{1,2}, e_{1,3}}$$

3626.
$$e_{2,3} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{2,3} \lor \neg e_{2,6} \lor e_{1,2} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor \neg e_{2,6} \lor e_{1,2}$$

3627.
$$e_{2,3} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{2,3} \lor e_{3,6} \lor e_{1,3} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor e_{3,6} \lor e_{1,3}$$

$$3628. \ e_{2,3} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \lor t_{e_$$

3629.
$$e_{2,3} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor e_{3,6} \vdash \neg e_{1,3} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{3,6}$$

$$3630. \ e_{2,3} \lor t_{\neg e_{1,2}, \, e_{1,3}}, \neg e_{2,3} \lor t_{e_{1,3}, \, e_{2,3}} \lor \neg t_{e_{1,3}, \, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \, e_{1,3}} \lor t_{e_{1,3}, \, e_{2,3}} \lor \neg t_{e_{1,3}, \, \neg e_{2,3}} \lor \neg t_{e_{1,3}, \, \neg e_{2,3}} \lor \neg t_{e_{1,3}, \, e_{2,3}} \lor \neg t_{e_{1,3}, \,$$

$$3631. \ e_{2,3} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{2,3} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{1,3} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{1,3}$$

$$3632. \ e_{2,3} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg e_{2,5} \vdash \neg e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg e_{2,5}$$

$$3633. \ e_{2,3} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor$$

$$3634. \ e_{2,3} \lor t_{\neg e_{1,2},\, e_{1,3}}, t_{e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,3} \vdash t_{e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}}$$

3635.
$$e_{2,3} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor e_{2,5} \vdash \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,5}$$

3636.
$$e_{2,3} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{3,6} \lor \neg e_{2,3} \lor e_{1,3} \vdash \neg e_{3,6} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,3}$$

$$3637. \ e_{2,3} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,3},\, e_{2,3}} \vdash \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg$$

$$3638. \ e_{2,3} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\,$$

3639.
$$e_{2,3} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor e_{2,6} \vdash \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,6}$$

$$3640. \ e_{2,3} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2},\, e_{2,3}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{e_{2,2},\, e_{2,2}} \lor t_{e_{2,2}} \lor t_{e_{2,2},\, e_{2,2}} \lor t_{e_{2,2},\, e_{2,2}}$$

3641.
$$e_{2,3} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{2,3} \lor \neg e_{2,5} \lor e_{1,2} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg e_{2,5} \lor e_{1,2}$$

3642.
$$e_{2,3} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \vdash \neg t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{1,3}}$$

$$3643. \ e_{2,3} \lor t_{\neg e_{1,2},\, e_{1,3}}, t_{e_{1,3},\, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg e_{2,6} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg e_{2,6}$$

3644.
$$e_{2,3} \lor t_{\neg e_{1,2}, e_{1,3}}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg e_{2,5} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{1,3}} \lor \neg e_{2,5}$$

$$3645. \ e_{2,3} \lor t_{\neg e_{1,2},\, e_{1,3}}, t_{e_{1,3},\, \neg e_{2,3}} \lor \neg e_{2,3} \lor e_{2,5} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,5}$$

$$3646. \ e_{2,3} \lor t_{\neg e_{1,2},\, e_{1,3}}, t_{e_{1,3},\, \neg e_{2,3}} \lor \neg e_{2,3} \lor e_{2,6} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,6}$$

$$3647. \ e_{2,3} \lor t_{\neg e_{1,2}, \, e_{1,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor t_{e_{1,6}, \, \neg e_{2,6}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,2}, \, e_{1,3}} \lor t_{e_{1,6}, \, \neg e_{2,6}}$$

$$3648. \ e_{2,3} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{2,3} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor e_{1,2} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor e_{1,2}$$

$$3649. \ e_{2,3} \lor t_{\neg e_{1,2},\, e_{1,3}}, t_{e_{1,3},\, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,6},\, \neg e_{2,6}} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,6},\, \neg e_{2,6}}$$

$$3650. \ e_{2,3} \lor t_{\neg e_{1,2}, \, e_{1,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor t_{e_{1,2}, \, \neg e_{1,3}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,2}, \, e_{1,3}} \lor t_{e_{1,2}, \, \neg e_{1,3}}$$

$$3651. \ e_{2,3} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{2,3} \lor e_{1,2} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor e_{1,2} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$3652. \ e_{2,3} \lor t_{\neg e_{1,2},\, e_{1,3}}, t_{e_{1,3},\, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$3653. \ e_{2,3} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{2,3} \lor t_{e_{1,2},\, e_{2,3}} \lor \neg e_{3,5} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, e_{2,3}} \lor \neg e_{3,5}$$

$$3654. \ e_{2,3} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{3,6} \lor \neg e_{2,3} \lor t_{e_{1,2},\, e_{2,3}} \vdash \neg e_{3,6} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, e_{2,3}}$$

$$3655. \ e_{2,3} \lor t_{\neg e_{1,2},\, e_{1,3}}, e_{3,5} \lor \neg e_{2,3} \lor t_{e_{1,2},\, e_{2,3}} \vdash e_{3,5} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, e_{2,3}}$$

$$3656. \ e_{2,3} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{2,3} \lor t_{e_{1,2},\, e_{2,3}} \lor e_{3,6} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, e_{2,3}} \lor e_{3,6}$$

3657.
$$e_{2,3} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}}$$

$$3658. \ e_{2,3} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor e_{1,2} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor e_{1,2}$$

$$3659. \ e_{2,3} \lor t_{\lnot e_{1,2},\, e_{1,3}}, t_{e_{1,3},\, \lnot e_{2,3}} \lor \lnot e_{2,3} \lor t_{\lnot e_{1,2},\, e_{1,3}} \vdash t_{e_{1,3},\, \lnot e_{2,3}} \lor t_{\lnot e_{1,2},\, e_{1,3}}$$

$$3660. \ e_{2,3} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}}$$

$$3661. \ e_{2,3} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{1,2} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{1,2}$$

$$3662. \ e_{2,3} \lor t_{\neg e_{1,2},\, e_{1,3}}, t_{e_{1,3},\, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}}$$

$$3663. \ e_{2,3} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor \neg e_{3,5} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor \neg e_{3,5}$$

$$3664. \ e_{2,3} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{3,6} \lor \neg e_{2,3} \lor t_{\neg e_{1,3},\, e_{2,3}} \vdash \neg e_{3,6} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,3},\, e_{2,3}}$$

$$3665. \ e_{2,3} \lor t_{\neg e_{1,2},\, e_{1,3}}, e_{3,5} \lor \neg e_{2,3} \lor t_{\neg e_{1,3},\, e_{2,3}} \vdash e_{3,5} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,3},\, e_{2,3}}$$

$$3666. \ e_{2,3} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor e_{3,6} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor e_{3,6}$$

$$3667.\ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,5},\,\neg e_{2,5}}, t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \vdash t_{e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}$$

3668.
$$t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,5}, \neg e_{2,5}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$3669. \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,5},\,\neg e_{2,5}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{e_{1,5},\,\neg e_{2,5}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,6}$$

$$3670. \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,5},\,\neg e_{2,5}}, t_{\neg e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \vdash t_{e_{1,5},\,\neg e_{2,5}} \lor t_{\neg e_{1,6},\,e_{2,6}} \lor e_{1,6}$$

$$3671. \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,5},\,\neg e_{2,5}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,6} \vdash t_{e_{1,5},\,\neg e_{2,5}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,6}$$

$$3672. \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,5},\,\neg e_{2,5}}, t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \vdash t_{e_{1,5},\,\neg e_{2,5}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor e_{2,6}$$

$$3673. \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,5},\,\neg e_{2,5}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor e_{2,6} \vdash t_{e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor e_{2,6}$$

$$3674. \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,5},\,\neg e_{2,5}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \vdash t_{e_{1,5},\,\neg e_{2,5}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \lor \neg$$

$$3675. \ \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,5},\,\neg e_{2,5}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,5},\,\neg e_{2,5}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,6}$$

$$3676. \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,5},\,\neg e_{2,5}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,6}$$

$$3677. \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,5},\,\neg e_{2,5}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor e_{1,6} \vdash t_{e_{1,5},\,\neg e_{2,5}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor e_{1,6}$$

$$3678. \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,5},\,\neg e_{2,5}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,6}$$

$$3679. \ t_{e_{1,6},\, e_{2,6}} \lor t_{e_{1,5},\, \neg e_{2,5}}, \neg t_{e_{1,6},\, e_{2,6}} \lor e_{1,6} \lor e_{2,3} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,6} \lor e_{2,3}$$

$$3680. \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}, t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor e_{2,6} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

3681.
$$t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$3682. \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,6} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

3683.
$$t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}}, t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$3684. \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,6} \vdash t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,6} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$3685. \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}, t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor e_{2,6} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$3686. \ \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor e_{2,6} \vdash t_{e_{1,6},\,\neg e_{2,6}} \lor e_{2,6} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$3687. \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \vdash t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \lor \neg$$

3688.
$$t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}}, \neg t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \vdash e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$3689. \ \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,6} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$3690. \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor e_{1,6} \vdash \neg t_{e_{1,6},\,\neg e_{2,6}} \lor e_{1,6} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

3691.
$$t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}}, \neg t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,2}, e_{2,3}} \lor e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

3692.
$$t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,3} \vdash e_{1,6} \lor e_{2,3} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$3693. \ \ t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{e_{1,5}, \, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, \, e_{2,5}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \vdash e_{1,5} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3$$

$$3694. \ \ t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{e_{1,5}, \, e_{2,5}}, \, \neg t_{e_{1,5}, \, e_{2,5}} \lor e_{2,5} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \vdash t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor e_{2,5}$$

$$3695. \ \ t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,5}, \, e_{2,5}}, \neg t_{e_{1,5}, \, e_{2,5}} \lor e_{2,5} \lor t_{e_{1,2}, \, \neg e_{1,3}} \vdash t_{e_{1,2}, \, \neg e_{2,3}} \lor e_{2,5} \lor t_{e_{1,2}, \, \neg e_{1,3}}$$

$$3696.\ \ t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{e_{1,5},\, e_{2,5}} \vdash t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,5}$$

$$3697. \ t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,5}, e_{2,5}}$$

3698.
$$t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,5}, e_{2,5}}, t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,5}$$

$$3699.\ \ t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}}$$

$$3700.\ \ t_{e_{1,2},\,\lnot e_{2,3}} \lor t_{e_{1,5},\,e_{2,5}}, t_{e_{1,2},\,e_{1,3}} \lor \lnot t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,\lnot e_{2,3}} \lor e_{2,5}$$

3701.
$$t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$3702. \ t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,5}, e_{2,5}}, t_{e_{1,5}, \neg e_{2,5}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,5}$$

$$3703. \ t_{e_{1,2}, \, \neg e_{2,3}} \vee t_{e_{1,5}, \, e_{2,5}}, \neg t_{\neg e_{1,5}, \, e_{2,5}} \vee \neg t_{e_{1,5}, \, e_{2,5}} \vee e_{2,5} \vdash \neg t_{\neg e_{1,5}, \, e_{2,5}} \vee t_{e_{1,2}, \, \neg e_{2,3}} \vee e_{2,5}$$

$$3704. \ t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$3705. \ t_{e_{1,2}, \, \neg e_{2,3}} \vee t_{e_{1,5}, \, e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5}, \, e_{2,5}} \vee e_{2,3} \vdash e_{1,5} \vee t_{e_{1,2}, \, \neg e_{2,3}} \vee e_{2,3}$$

$$3706. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor e_{1,2}$$

$$3707. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,2}, e_{1,3}} \lor \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{\neg e_{1,2}, e_{1,3}}$$

$$3708. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{\neg e_{1,5}, \neg e_{1,6}} \lor t_{\neg e_{1,4}, e_{2,4}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,5}, \neg e_{1,6}} \lor t_{\neg e_{1,4}, e_{2,4}} \lor e_{1,2}$$

$$3709. \ e_{1,2} \vee \neg t_{e_{1,2}, \, \neg e_{1,3}}, \neg t_{e_{1,5}, \, e_{1,6}} \vee e_{1,6} \vee t_{e_{1,2}, \, \neg e_{1,3}} \vdash \neg t_{e_{1,5}, \, e_{1,6}} \vee e_{1,6} \vee e_{1,2}$$

$$3710. \ e_{1,2} \vee \neg t_{e_{1,2},\, \neg e_{1,3}}, t_{e_{1,5},\, \neg e_{1,6}} \vee t_{e_{1,5},\, e_{1,6}} \vee t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{e_{1,5},\, \neg e_{1,6}} \vee t_{e_{1,5},\, e_{1,6}} \vee e_{1,2}$$

3711.
$$e_{1,2} \vee \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \vee e_{1,5} \vee e_{1,3} \vdash e_{1,5} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vee e_{1,3}$$

3712.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg e_{2,6} \vdash \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg e_{2,6}$$

3713.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg e_{1,5} \vdash \neg e_{1,3} \lor \neg e_{1,5} \lor \neg t_{e_{1,2}, \neg e_{1,3}}$$

$$3714. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{\neg e_{1,5}, \neg e_{1,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,5}, \neg e_{1,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{1,2}$$

$$3715. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}} \lor e_{1,2}$$

$$3716. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor e_{1,2}$$

3717.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,2} \lor e_{2,6}$$

$$3718. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor e_{2,3} \lor e_{1,2}$$

$$3719. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{\neg e_{1,5}, e_{1,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,5}, e_{1,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{1,2}$$

$$3720. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \vdash \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

$$3721. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_$$

$$3722. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg t_{\neg e_{1,6}, e_{2,6}} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,2} \lor e_{2,6}$$

$$3723. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,5}, e_{1,6}} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,5}, e_{1,6}} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \lor e_{1,2}$$

$$3724. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,2}$$

$$3725. \ e_{1,2} \lor \neg t_{e_{1,2}, \, \neg e_{1,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{e_{1,3}, \, e_{2,3}} \vdash \neg t_{e_{1,2}, \, \neg e_{1,3}} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{e_{1,3}, \, e_{2,3}} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{e_{1,3}, \, e_{2,3}} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}$$

$$3726. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{1,2}$$

$$3727. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{\neg e_{1,2},$$

$$3728. \ e_{1,2} \vee \neg t_{e_{1,2},\, \neg e_{1,3}}, \neg e_{1,2} \vee e_{2,5} \vee e_{2,3} \vdash \neg t_{e_{1,2},\, \neg e_{1,3}} \vee e_{2,5} \vee e_{2,3}$$

$$3729. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{\neg e_{1,5}, \neg e_{1,6}} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,5}, \neg e_{1,6}} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \lor e_{1,2}$$

$$3730. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \vdash \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{1,3}$$

$$3731. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,5}, \neg e_{1,6}} \lor t_{e_{1,4}, e_{2,4}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,5}, \neg e_{1,6}} \lor t_{e_{1,4}, e_{2,4}} \lor e_{1,2}$$

$$3732. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}}$$

$$3733. \ e_{1,2} \vee \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,5}, \neg e_{1,6}} \vee t_{\neg e_{1,5}, \neg e_{1,6}} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,5}, \neg e_{1,6}} \vee t_{\neg e_{1,5}, \neg e_{1,6}} \vee e_{1,2}$$

$$3734. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{\neg e_{1,2}, e_{1,3}}$$

3735.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,5}, \neg e_{1,6}} \lor t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,5}, \neg e_{1,6}} \lor t_{e_{1,2}, e_{1,3}} \lor e_{1,2}$$

$$3736. \ e_{1,2} \vee \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,2}, e_{1,3}} \vee t_{\neg e_{1,5}, \neg e_{1,6}} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \vee t_{\neg e_{1,5}, \neg e_{1,6}} \vee e_{1,2}$$

3737.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,2}$$

3738.
$$e_{1,2} \vee \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \vee e_{2,3} \vee e_{2,6} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \vee e_{2,3} \vee e_{2,6}$$

$$3739. \ e_{1,2} \vee \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{2,5} \vee \neg t_{e_{1,5}, \neg e_{2,5}} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash \neg e_{2,5} \vee \neg t_{e_{1,5}, \neg e_{2,5}} \vee e_{1,2}$$

$$3740. \ e_{1,2} \vee \neg t_{e_{1,2},\, \neg e_{1,3}}, \neg t_{\neg e_{1,5},\, e_{1,6}} \vee e_{1,6} \vee t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \vee e_{1,6} \vee e_{1,2}$$

$$3741. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{\neg e_{1,2}, e_{1,$$

$$3742. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,5}, \neg e_{1,6}} \lor t_{e_{1,4}, \neg e_{2,4}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,5}, \neg e_{1,6}} \lor t_{e_{1,4}, \neg e_{2,4}} \lor e_{1,2}$$

$$3743. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,2}, \neg e$$

$$3744. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,2},$$

$$3745. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \neg e_{2$$

$$3746. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor \neg e_{1,5} \lor e_{1,3} \vdash \neg e_{1,5} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{1,3}$$

$$3747. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,3}, e_{2,3}} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,3}, e_{2,3}} \lor \neg t_{\neg e_{1,2}, e_{1,3}}$$

$$3748. \ e_{1,2} \vee \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,2}, e_{1,3}} \vee t_{\neg e_{1,5}, e_{1,6}} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \vee t_{\neg e_{1,5}, e_{1,6}} \vee e_{1,2}$$

$$3749. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash e_{1,2} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

$$3750. \ e_{1,2} \vee \neg t_{e_{1,2},\, \neg e_{1,3}}, \neg t_{e_{1,2},\, \neg e_{1,3}} \vee e_{1,2} \vee t_{e_{1,2},\, \neg e_{1,3}} \vdash e_{1,2}$$

$$3751. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, e_{1,6}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,2}$$

3752.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor e_{1,5} \lor \neg e_{1,3} \vdash e_{1,5} \lor \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}}$$

3753.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor \neg e_{1,6} \lor e_{1,3} \vdash \neg e_{1,6} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{1,3}$$

$$3754. \ e_{1,2} \vee \neg t_{e_{1,2}, \neg e_{1,3}}, t_{\neg e_{1,5}, e_{1,6}} \vee t_{e_{1,5}, e_{1,6}} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,5}, e_{1,6}} \vee t_{e_{1,5}, e_{1,6}} \vee e_{1,2}$$

$$3755. \ e_{1,2} \vee \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,3} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,3} \vee e_{1,2}$$

$$3756. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor e_{1,2}$$

$$3757. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,5}, e_{1,6}} \lor t_{\neg e_{1,4}, e_{2,4}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,5}, e_{1,6}} \lor t_{\neg e_{1,4}, e_{2,4}} \lor e_{1,2}$$

$$3758. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{1,5}, e_{1,6}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,2}$$

$$3759. \ e_{1,2} \vee \neg t_{e_{1,2}, \, \neg e_{1,3}}, \neg e_{1,2} \vee \neg e_{2,5} \vee e_{2,3} \vdash \neg t_{e_{1,2}, \, \neg e_{1,3}} \vee \neg e_{2,5} \vee e_{2,3}$$

3760.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, e_{2,4} \lor t_{e_{1,5}, e_{1,6}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,5}, e_{1,6}} \lor e_{2,4} \lor e_{1,2}$$

$$3761. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, e_{2,4} \lor t_{\neg e_{1,5}, \neg e_{1,6}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,4} \lor e_{1,2}$$

3762.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{1,6}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, e_{1,6}} \lor e_{1,2}$$

$$3763. \ e_{1,2} \vee \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,2}, \neg e_{1,3}} \vee t_{e_{1,5}, e_{1,6}} \vee e_{2,4} \vdash t_{e_{1,5}, e_{1,6}} \vee e_{1,2} \vee e_{2,4}$$

$$3764. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}}$$

$$3765. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor \neg$$

$$3766. \ e_{1,2} \vee \neg t_{e_{1,2},\, \neg e_{1,3}}, \neg e_{1,2} \vee e_{1,6} \vee e_{1,3} \vdash \neg t_{e_{1,2},\, \neg e_{1,3}} \vee e_{1,6} \vee e_{1,3}$$

$$3767. \ e_{1,2} \vee \neg t_{e_{1,2}, \neg e_{1,3}}, t_{\neg e_{1,4}, e_{2,4}} \vee t_{e_{1,5}, e_{1,6}} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,5}, e_{1,6}} \vee t_{\neg e_{1,4}, e_{2,4}} \vee e_{1,2}$$

$$3768. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,5}, e_{1,6}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,5}, e_{1,6}} \lor e_{1,2}$$

$$3769. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,6} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{1,2}$$

$$3770. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{\neg e_{1,5}, \neg e_{1,6}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,5}, \neg e_{1,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{1,2}$$

$$3771. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg e_{2,5} \vdash \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg e_{2,5}$$

$$3772. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg e_{2,6} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor \neg e_{2,6}$$

$$3773. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,2}, \neg e_{2$$

$$3774. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,4}, e_{2,4}} \lor t_{\neg e_{1,5}, e_{1,6}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,4}, e_{2,4}} \lor t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,2}$$

$$3775. \ \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor e_{2,5} \vdash \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,5}$$

$$3776. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{1,2}$$

$$3777. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, \neg e$$

$$3778. \ e_{1,2} \vee \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,5}, \neg e_{1,6}} \vee t_{\neg e_{1,2}, \neg e_{1,3}} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,5}, \neg e_{1,6}} \vee t_{\neg e_{1,2}, \neg e_{1,3}} \vee e_{1,2}$$

$$3779. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \vdash \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{\neg e_{1,2$$

$$3780. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$3781. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg e_{1,6} \vdash \neg e_{1,3} \lor \neg e_{1,6} \lor \neg t_{e_{1,2}, \neg e_{1,3}}$$

$$3782. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg t_{\neg e_{1,3}, e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2}$$

3783.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor e_{2,6} \vdash \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,6}$$

3784.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor e_{1,6} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{1,6}$$

$$3785. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,5}, e_{1,6}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,5}, e_{1,6}} \lor e_{1,2}$$

$$3786. \ \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{\neg e_{1,5}, e_{1,6}} \lor t_{\neg e_{1,5}, \neg e_{1,6}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,5}, e_{1,6}} \lor t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{1,2}$$

$$3787. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{\neg e_{1,2}, e_{1,3}}$$

$$3788. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor e_{1,2}$$

3789.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg t_{e_{1,2}, e_{1,3}} \lor e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, e_{1,3}} \lor e_{1,3} \lor e_{1,2}$$

$$3790. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,6} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,6} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{1,2}$$

$$3791. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,2}, \neg e_{1,3}} \lor t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,4} \vdash t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{1,2} \lor e_{2,4}$$

$$3792. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,4} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,4} \lor e_{1,2}$$

$$3793. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,5}, e_{1,6}} \lor e_{2,4} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,5}, e_{1,6}} \lor e_{2,4} \lor e_{1,2}$$

$$3794. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,5}, e_{1,6}} \lor e_{2,4} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,5}, e_{1,6}} \lor e_{2,4} \lor e_{1,2}$$

$$3795. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2} \lor e_{2,6}$$

3796.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,4}, e_{2,4}} \lor e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,4}, e_{2,4}} \lor e_{2,5} \lor e_{1,2}$$

$$3797. \ e_{1,2} \vee \neg t_{e_{1,2}, \neg e_{1,3}}, t_{\neg e_{1,3}, e_{2,3}} \vee e_{1,3} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,3}, e_{2,3}} \vee e_{1,3} \vee e_{1,2}$$

3798.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,2}, e_{2,3}} \lor e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

3799.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$3800. \ \ e_{1,2} \lor \neg t_{e_{1,2}, \, \neg e_{1,3}}, \neg t_{\neg e_{1,3}, \, e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2}, \, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \, e_{2,3}} \lor e_{2,3} \lor e_{1,2}$$

3801.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,3}, \neg e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor e_{2,3} \lor e_{1,2}$$

$$3802. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$3803. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,2}, e_{1,3}} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

3804.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$3805. \ e_{1,2} \vee \neg t_{e_{1,2}, \neg e_{1,3}}, t_{\neg e_{1,2}, e_{2,3}} \vee e_{1,3} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee e_{1,3} \vee e_{1,2}$$

$$3806. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2} \lor e_{2,6}$$

$$3807. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{1,2}$$

$$3808. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,3} \lor e_{1,2}$$

$$3809. \ e_{1,2} \vee \neg t_{e_{1,2}, \neg e_{1,3}}, t_{\neg e_{1,2}, \neg e_{2,3}} \vee e_{2,6} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \vee e_{1,2} \vee e_{2,6}$$

$$3810. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash \neg e_{2,3} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{1,2}, \neg e_{1,3}}$$

$$3811. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,2}$$

3812.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,3} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

$$3813. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor e_{1,2}$$

$$3814. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{2,5} \lor e_{1,2}$$

$$3815. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor e_{1,2}$$

$$3816. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor e_{1,2}$$

3817.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,6} \lor \neg e_{5,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,6} \lor \neg e_{5,6} \lor e_{1,2}$$

$$3818. \ e_{1,2} \vee \neg t_{e_{1,2}, \, \neg e_{1,3}}, \neg t_{e_{1,6}, \, \neg e_{2,6}} \vee t_{e_{1,6}, \, e_{2,6}} \vee t_{e_{1,2}, \, \neg e_{1,3}} \vdash \neg t_{e_{1,6}, \, \neg e_{2,6}} \vee t_{e_{1,6}, \, e_{2,6}} \vee e_{1,2}$$

$$3819. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$3820. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,5}, e_{2,5}} \lor t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash t_{e_{1,5}, e_{2,5}} \lor e_{1,2} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$3821. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,2}, \neg e_{1,3}} \lor t_{\neg e_{1,5}, e_{2,5}} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,2} \lor t_{\neg e_{1,5}, e_{2,5}} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

3822.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,6} \lor \neg e_{4,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,6} \lor \neg e_{4,6} \lor e_{1,2}$$

$$3823. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,2}, \neg e_{1,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,2} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor e_{1,2}$$

$$3824. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,2}$$

$$3825. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,2}, \neg e_{1,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$3826. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash t_{e_{1,2}, e_{2,3}} \lor e_{1,2} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$3827. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, e_{1,5} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,2}$$

3828.
$$e_{1,2} \lor \neg t_{e_{1,2}}, \neg e_{1,3}, e_{5,6} \lor \neg e_{1,6} \lor t_{e_{1,2}}, \neg e_{1,3} \vdash e_{5,6} \lor \neg e_{1,6} \lor e_{1,2}$$

$$3829. \ \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,5}, \neg e_{2,5}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,2}$$

$$3830. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,2}$$

$$3831. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor e_{1,2}$$

$$3832. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor e_{1,2} \lor \neg$$

$$3833. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,2} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor e_{$$

3834.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{2,3} \lor e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg e_{2,3} \lor e_{1,2}$$

3835.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, e_{5,6} \lor e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{5,6} \lor e_{1,6} \lor e_{1,2}$$

$$3836. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,2}$$

3837.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{4,6} \lor e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg e_{4,6} \lor e_{1,6} \lor e_{1,2}$$

$$3838. \ \ e_{1,2} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}}, \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor t_{\lnot e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}} \vdash \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor t_{\lnot e_{1,2}, e_{2,3}} \lor e_{1,2}$$

3839.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,6} \lor e_{4,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,6} \lor e_{4,6} \lor e_{1,2}$$

$$3840. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{\neg e_{1,5}, \neg e_{2,5}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,5}, \neg e_{2,5}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,2}$$

$$3841. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor e_{1,2} \lor \lor e_{1$$

$$3842. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{1,2}$$

3843.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, e_{2,3} \lor e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{2,3} \lor e_{1,2}$$

$$3844. \ \ e_{1,2} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}}, \lnot t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{1,2}, \lnot e_{1,3}} \lor t_{e_{1,2}, \lnot e_{1,3}} \vdash \lnot t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{1,2}, \lnot e_{1,3}} \lor e_{1,2}$$

$$3845. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

3846.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{5,6} \lor e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg e_{5,6} \lor e_{1,6} \lor e_{1,2}$$

$$3847. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,2}, e_{1,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor e_{1,2}$$

3848.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, e_{4,6} \lor e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{4,6} \lor e_{1,6} \lor e_{1,2}$$

$$3849. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,2}$$

$$3850. \ \ e_{1,2} \lor \neg t_{e_{1,2}, \, \neg e_{1,3}}, t_{e_{1,3}, \, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, \, \neg e_{1,3}} \vdash t_{e_{1,3}, \, \neg e_{2,3}} \lor \neg e_{2,3} \lor e_{1,2}$$

$$3851. \ e_{1,2} \vee \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,3}, \neg e_{2,3}} \vee e_{2,3} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \vee e_{2,3} \vee e_{1,2}$$

$$3852. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{1,2} \lor e_{2,6}$$

$$3853. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$3854. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}$$

$$3855. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}$$

$$3856. \ \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}$$

$$3857. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,3} \lor e_{1,2}$$

3858.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor \neg e_{1,5} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg e_{1,5} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, e_{2,3}}$$

3859.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, e_{1,3} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,3} \lor e_{2,3} \lor e_{1,2}$$

3860.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor e_{1,5} \lor t_{e_{1,2}, e_{2,3}} \vdash e_{1,5} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, e_{2,3}}$$

3861.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,2} \lor t_{e_{1,2}, e_{2,3}}$$

$$3862. \ e_{1,2} \vee \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \vee \neg e_{1,6} \vee t_{e_{1,2}, e_{2,3}} \vdash \neg e_{1,6} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vee t_{e_{1,2}, e_{2,3}}$$

$$3863. \ e_{1,2} \vee \neg t_{e_{1,2},\, \neg e_{1,3}}, \neg e_{1,2} \vee t_{e_{1,2},\, e_{2,3}} \vee e_{1,6} \vdash \neg t_{e_{1,2},\, \neg e_{1,3}} \vee t_{e_{1,2},\, e_{2,3}} \vee e_{1,6}$$

$$3864. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, e$$

$$3865. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$3866. \ \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

$$3867. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$3868. \ \ e_{1,2} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}}, t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{1,6}} \lor t_{e_{1,2}, \lnot e_{1,3}} \vdash t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{1,6}} \lor e_{1,2}$$

$$3869. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

3870.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,2} \lor e_{2,6}$$

$$3871. \ e_{1,2} \vee \neg t_{e_{1,2}, \, \neg e_{1,3}}, t_{\neg e_{1,2}, \, \neg e_{1,3}} \vee e_{1,3} \vee t_{e_{1,2}, \, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, \, \neg e_{1,3}} \vee e_{1,3} \vee e_{1,2}$$

$$3872. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

3873.
$$e_{1,2} \lor \neg t_{e_{1,2}}, \neg e_{1,3}, t_{\neg e_{1,2}}, \neg e_{1,3} \lor e_{2,5} \lor t_{e_{1,2}}, \neg e_{1,3} \vdash e_{2,5} \lor t_{\neg e_{1,2}}, \neg e_{1,3} \lor e_{1,2}$$

$$3874. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

3875.
$$e_{1,2} \lor \neg t_{e_{1,2}}, \neg e_{1,3}, e_{1,5} \lor t_{\neg e_{1,5}}, e_{2,5} \lor t_{e_{1,2}}, \neg e_{1,3} \vdash e_{1,5} \lor e_{1,2} \lor t_{\neg e_{1,5}}, e_{2,5}$$

3876.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,5} \lor e_{1,2}$$

3877.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,2}$$

3878.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,2}, e_{1,3}} \lor e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{2,5} \lor e_{1,2}$$

3879.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, e_{1,5} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,5} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}$$

3880.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,5} \lor e_{1,2}$$

3881.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,2}$$

3882.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, e_{1,5} \lor t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,5} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,2}$$

$$3883. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{\neg e_{1,5}, \neg e_{2,5}} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,5}, \neg e_{2,5}} \lor e_{2,3} \lor e_{1,2}$$

$$3884. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{2,6} \lor e_{1,2} \lor t_{\neg e_{1,5}, e_{2,5}}$$

$$3885. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$3886. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,6} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,6}$$

$$3887. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$3888. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5}$$

$$3889. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,5} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,5}$$

$$3890. \ \ e_{1,2} \lor \neg t_{e_{1,2}, \, \neg e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor e_{2,6} \vdash \neg t_{e_{1,2}, \, \neg e_{1,3}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor e_{2,6}$$

$$3891. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2},$$

$$3892. \ e_{1,2} \vee \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,2}, \neg e_{2,3}} \vee e_{1,2} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee e_{1,2}$$

$$3893. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$3894. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{\neg e_{1,6}, e_{2,6}} \lor e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,2}$$

$$3895. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$3896. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg e_{2,6}$$

$$3897. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{1,3}} \lor e_{1,2}$$

$$3898. \ e_{1,2} \vee \neg t_{e_{1,2}, \, \neg e_{1,3}}, \neg e_{1,2} \vee t_{e_{1,2}, \, e_{1,3}} \vee \neg e_{2,5} \vdash t_{e_{1,2}, \, e_{1,3}} \vee \neg t_{e_{1,2}, \, \neg e_{1,3}} \vee \neg e_{2,5}$$

3899.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \lor e_{2,5} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,5}$$

3900.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \lor e_{2,6} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,6}$$

$$3901. \ e_{1,2} \vee \neg t_{e_{1,2}, \neg e_{1,3}}, e_{1,3} \vee e_{2,3} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,3} \vee e_{2,3} \vee e_{1,2}$$

$$3902. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{1,2}, \neg e_{1,3}}$$

3903.
$$e_{1,2} \vee \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,2}, e_{1,3}} \vee e_{1,2} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \vee e_{1,2}$$

3904.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,2}$$

$$3905. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}}$$

$$3906. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,2}$$

$$3907. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,3} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

$$3908. \ \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor e_{1,2}$$

$$3909. \ \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}$$

$$3910. \ \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}}$$

3911.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, e_{2,5} \lor t_{\neg e_{1,5}, e_{2,5}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{2,5} \lor e_{1,2} \lor t_{\neg e_{1,5}, e_{2,5}}$$

3912.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,4}, \neg e_{2,4}} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,4}, \neg e_{2,4}} \lor e_{1,2} \lor e_{2,6}$$

3913.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$3914. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}} \lor e_{1,2}$$

$$3915. \ \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,2}$$

$$3916. \ \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

$$3917. \ e_{1,2} \vee \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \vee \neg e_{2,3} \vee t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg e_{2,3} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vee t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$3918. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$3919. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$3920. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,5} \lor e_{1,2}$$

3921.
$$e_{1,2} \vee \neg t_{e_{1,2}}, \neg e_{1,3}, t_{e_{1,5}}, e_{2,5} \vee e_{2,3} \vee t_{e_{1,2}}, \neg e_{1,3} \vdash t_{e_{1,5}}, e_{2,5} \vee e_{2,3} \vee e_{1,2}$$

3922.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,2}, e_{2,3}} \lor e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, e_{2,3}} \lor e_{2,5} \lor e_{1,2}$$

$$3923. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

3924.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{1,2}$$

3925.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

3926.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, e_{1,5} \lor t_{\neg e_{1,5}, e_{2,5}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,5} \lor e_{1,2} \lor t_{\neg e_{1,5}, e_{2,5}}$$

3927.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,5} \lor e_{1,2}$$

$$3928. \ e_{1,2} \vee \neg t_{e_{1,2},\, \neg e_{1,3}}, e_{1,5} \vee \neg t_{e_{1,5},\, \neg e_{2,5}} \vee t_{e_{1,2},\, \neg e_{1,3}} \vdash e_{1,5} \vee \neg t_{e_{1,5},\, \neg e_{2,5}} \vee e_{1,2}$$

3929.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,2}, e_{1,3}} \lor e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{2,5} \lor e_{1,2}$$

3930.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, e_{1,5} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,5} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}$$

3931.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,5} \lor e_{1,2}$$

$$3932. \ e_{1,2} \vee \neg t_{e_{1,2},\, \neg e_{1,3}}, \neg t_{\neg e_{1,5},\, e_{2,5}} \vee e_{2,5} \vee t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,5},\, e_{2,5}} \vee e_{2,5} \vee e_{1,2}$$

3933.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, e_{1,5} \lor t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,5} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,2}$$

3934.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,2}, e_{1,3}} \lor e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{2,5} \lor e_{1,2}$$

$$3935. \ e_{1,2} \vee \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,5}, e_{2,5}} \vee e_{1,3} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,5}, e_{2,5}} \vee e_{1,3} \vee e_{1,2}$$

$$3936. \ e_{1,2} \vee \neg t_{e_{1,2}, \neg e_{1,3}}, t_{\neg e_{1,5}, \neg e_{2,5}} \vee e_{2,3} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,5}, \neg e_{2,5}} \vee e_{2,3} \vee e_{1,2}$$

$$3937. \ e_{1,2} \vee \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,5}, \neg e_{2,5}} \vee e_{2,6} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,5}, \neg e_{2,5}} \vee e_{1,2} \vee e_{2,6}$$

3938.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{\neg e_{1,5}, \neg e_{2,5}} \lor e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,5}, \neg e_{2,5}} \lor e_{2,5} \lor e_{1,2}$$

3939.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, e_{2,5} \lor t_{\neg e_{1,5}, e_{2,5}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{2,5} \lor e_{1,2} \lor t_{\neg e_{1,5}, e_{2,5}}$$

$$3940. \ e_{1,2} \vee \neg t_{e_{1,2}, \neg e_{1,3}}, t_{\neg e_{1,3}, \neg e_{2,3}} \vee e_{1,3} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \vee e_{1,3} \vee e_{1,2}$$

$$3941. \ e_{1,2} \vee \neg t_{e_{1,2},\, \neg e_{1,3}}, \neg e_{1,2} \vee t_{\neg e_{1,3},\, e_{2,3}} \vee \neg e_{1,5} \vdash t_{\neg e_{1,3},\, e_{2,3}} \vee \neg e_{1,5} \vee \neg t_{e_{1,2},\, \neg e_{1,3}}$$

$$3942. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor e_{1,5} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash e_{1,5} \lor t_{\neg e_{1,3}, e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}}$$

3943.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{\neg e_{1,3}, e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$3944. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor \neg e_{1,6} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash \neg e_{1,6} \lor t_{\neg e_{1,3}, e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}}$$

$$3945. \ \ e_{1,2} \lor \neg t_{e_{1,2}, \, \neg e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor e_{1,6} \vdash t_{\neg e_{1,3}, \, e_{2,3}} \lor \neg t_{e_{1,2}, \, \neg e_{1,3}} \lor e_{1,6}$$

$$3946. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$3947. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$3948. \ e_{1,2} \vee \neg t_{e_{1,2},\, \neg e_{1,3}}, t_{e_{1,2},\, e_{1,3}} \vee e_{2,6} \vee t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{e_{1,2},\, e_{1,3}} \vee e_{1,2} \vee e_{2,6}$$

3949.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,6}, e_{2,6}} \lor e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,6}, e_{2,6}} \lor e_{1,3} \lor e_{1,2}$$

$$3950. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}$$

$$3951. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{2,6} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{2,6}$$

$$3952. \ \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}$$

$$3953. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{2,5} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{2,5}$$

3954.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,5} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,5}$$

$$3955. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,6} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,6}$$

3956.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, e_{1,3} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,3} \lor e_{2,3} \lor e_{1,2}$$

3957.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, e_{1,3} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,3} \lor e_{2,3} \lor e_{1,2}$$

3958.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, e_{2,3} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{2,3} \lor e_{1,2} \lor e_{2,6}$$

$$3959. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{$$

$$3960. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,3} \lor e_{1,2} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

3961.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,2} \lor \neg t_{\neg e_{1,2}, e_{2,3}}$$

$$3962. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{2,3} \lor e_{1,2}$$

$$3963. \ \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}$$

3964.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor e_{2,3} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

3965.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor e_{1,3} \lor e_{2,3} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{1,3} \lor e_{2,3}$$

$$3966. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{2,3} \lor e_{1,2}$$

$$3967. \ e_{1,2} \vee \neg t_{e_{1,2},\, \neg e_{1,3}}, \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \vee e_{2,3} \vee t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \vee e_{2,3} \vee e_{1,2}$$

3968.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}} \lor e_{2,3} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{2,3}$$

$$3969. \ \ e_{1,2} \vee \neg t_{e_{1,2}, \, \neg e_{1,3}}, e_{1,5} \vee e_{2,3} \vee t_{e_{1,2}, \, \neg e_{1,3}} \vdash e_{1,5} \vee e_{2,3} \vee e_{1,2}$$

$$3970. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,2}, e_{2,$$

3971.
$$e_{1,2} \vee \neg t_{e_{1,2}, \neg e_{1,3}}, e_{1,3} \vee e_{2,3} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,3} \vee e_{2,3} \vee e_{1,2}$$

$$3972. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

3973.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, e_{1,5} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,5} \lor e_{2,3} \lor e_{1,2}$$

$$3974. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

$$3975. \ e_{1,2} \vee \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,6}, \neg e_{2,6}} \vee e_{2,3} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \vee e_{2,3} \vee e_{1,2}$$

3976.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

3977.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,2}, e_{2,3}} \lor e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

3978.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$3979. \ e_{1,2} \vee \neg t_{e_{1,2}, \neg e_{1,3}}, \neg t_{\neg e_{1,3}, e_{2,3}} \vee e_{2,3} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3}, e_{2,3}} \vee e_{2,3} \vee e_{1,2}$$

3980.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,3}, \neg e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor e_{2,3} \lor e_{1,2}$$

3981.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$3982. \ e_{1,2} \vee \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,2}, e_{1,3}} \vee e_{2,3} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \vee e_{2,3} \vee e_{1,2}$$

$$3983. \ e_{1,2} \vee \neg t_{e_{1,2},\, \neg e_{1,3}}, t_{\neg e_{1,2},\, e_{1,3}} \vee e_{2,3} \vee t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \vee e_{2,3} \vee e_{1,2}$$

3984.
$$e_{1,2} \vee \neg t_{e_{1,2}, \neg e_{1,3}}, e_{1,3} \vee e_{2,3} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,3} \vee e_{2,3} \vee e_{1,2}$$

3985.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,4}, \neg e_{2,4}} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,4}, \neg e_{2,4}} \lor e_{1,2} \lor e_{2,6}$$

$$3986. \ \ e_{1,2} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}}, \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \lnot e_{1,3}} \vdash \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e_{1,3}} \lor e_{1,2}, \lnot e_{1,3} \lor e_{1,2}, \lnot e_{1,3}, \lnot e_{1,2}, \lnot e_{1,3}, \lnot e_{1,2}, \lnot e_{1,3}, \lnot e_{1,3}, \lnot e_{1,2}, \lnot$$

$$3987. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}} \lor \neg e_{2,6} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg e_{2,6}$$

$$3988. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,2}$$

$$3989. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}} \lor \neg e_{2,5} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg e_{2,5}$$

3990.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,5} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,5}$$

$$3991. \ \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,6} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,6}$$

$$3992. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{1,2}, \neg e_{1,3}}$$

3993.
$$e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,2}$$

$$3994. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,2}$$

$$3995. \ \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{\neg e_{1,2}, \neg e_{$$

$$3996. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,2} \lor e_{2,6}$$

$$3997. \ e_{1,2} \vee \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,2}, e_{1,3}} \vee e_{2,6} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \vee e_{1,2} \vee e_{2,6}$$

$$3998. \ e_{1,2} \vee \neg t_{e_{1,2}, \neg e_{1,3}}, t_{\neg e_{1,2}, e_{2,3}} \vee e_{1,6} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,6} \vee t_{\neg e_{1,2}, e_{2,3}} \vee e_{1,2}$$

3999.
$$e_{1,2} \vee \neg t_{e_{1,2}}, \neg e_{1,3}, t_{\neg e_{1,6}, e_{2,6}} \vee e_{1,6} \vee t_{e_{1,2}}, \neg e_{1,3} \vdash t_{\neg e_{1,6}, e_{2,6}} \vee e_{1,6} \vee e_{1,2}$$

$$4000. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{1,2} \lor e_{2,6}$$

$$4001. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,2} \lor e_{2,6}$$

$$4002. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,2} \lor e_{2,6}$$

$$4003. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash e_{1,2} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

$$4004. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \lor e_{1,2}$$

4005.
$$e_{1,2} \vee \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,2}, \neg e_{2,3}} \vee e_{1,6} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee e_{1,6} \vee e_{1,2}$$

$$4006. \ \ e_{1,2} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}}, \lnot t_{e_{1,6}, \lnot e_{2,6}} \lor e_{1,6} \lor t_{e_{1,2}, \lnot e_{1,3}} \vdash \lnot t_{e_{1,6}, \lnot e_{2,6}} \lor e_{1,6} \lor e_{1,2}$$

4007.
$$e_{1,2} \vee \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,2}, e_{2,3}} \vee e_{1,6} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, e_{2,3}} \vee e_{1,6} \vee e_{1,2}$$

4008.
$$e_{1,2} \vee \neg t_{e_{1,2}}, \neg e_{1,3}, e_{1,6} \vee e_{2,3} \vee t_{e_{1,2}}, \neg e_{1,3} \vdash e_{1,6} \vee e_{2,3} \vee e_{1,2}$$

$$4009. \ e_{1,2} \lor \neg t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,5} \lor e_{1,2}$$

4010.
$$t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, e_{2,6}}, t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,6} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,6}, e_{2,6}} \lor e_{2,6}$$

4011.
$$t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

4012.
$$t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,6}$$

$$4013.\ t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,6},\, e_{2,6}}, t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{1,6},\, e_{2,6}} \lor e_{1,6} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor e_{1,6}$$

$$4014. \ t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{e_{1,6}, \, e_{2,6}}, \neg t_{e_{1,6}, \, e_{2,6}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor e_{2,6} \vdash t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor e_{2,6}$$

$$4015. \ t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,6},\, e_{2,6}}, t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,6},\, e_{2,6}} \lor e_{2,6} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,6}$$

$$4016.\ t_{\neg e_{1,6},\,e_{2,6}} \lor t_{e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor e_{2,6} \vdash t_{\neg e_{1,6},\,e_{2,6}} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor e_{2,6}$$

$$4017. \ t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,6},\, e_{2,6}}, \neg t_{e_{1,6},\, e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1$$

$$4018. \ t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,6},\, e_{2,6}}, \neg t_{e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{1,6} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2},\, \neg e_{2,3}}$$

$$4019. \ t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,6},\, e_{2,6}}, \neg t_{e_{1,6},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,6} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,6}$$

$$4020.\ t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,6},\, e_{2,6}}, \neg t_{e_{1,6},\, e_{2,6}} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \lor e_{1,6} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \lor e_{1,6}$$

$$4021. \ t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{e_{1,6}, \, e_{2,6}}, \neg t_{e_{1,6}, \, e_{2,6}} \lor t_{e_{1,2}, \, e_{2,3}} \lor e_{1,6} \vdash t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{e_{1,2}, \, e_{2,3}} \lor e_{1,6}$$

4022.
$$t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,3} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,3}$$

4023.
$$t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,2} \lor e_{2,6} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,2} \lor e_{2,6}$$

$$4024. \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}}, t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{2,6}$$

$$4025. \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,2},\,\neg e_{2,3}} \lor e_{2,6} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$4026. \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{\neg e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,6}$$

4027.
$$t_{e_{1,6},e_{2,6}} \lor t_{e_{1,2},\neg e_{2,3}}, t_{\neg e_{1,6},e_{2,6}} \lor \neg t_{e_{1,6},e_{2,6}} \lor e_{1,6} \vdash t_{\neg e_{1,6},e_{2,6}} \lor t_{e_{1,2},\neg e_{2,3}} \lor e_{1,6}$$

$$4028. \ \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,6} \vdash t_{e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,6}$$

$$4029. \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}}, t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{2,6}$$

$$4030. \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor e_{2,6} \vdash t_{e_{1,6},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{2,6}$$

$$4031. \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \vdash t_{e_{1,2},\,\neg e_{2,3}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \lor \neg$$

$$4032. \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,6}$$

$$4033. \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,6} \vdash e_{1,6} \lor t_{e_{1,2},\,\neg e_{2,3}}$$

$$4034. \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor e_{1,6} \vdash \neg t_{e_{1,6},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,6}$$

$$4035. \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,6}$$

$$4036.\ \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,3} \vdash t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,6} \lor e_{2,3}$$

$$4037. \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,2} \lor e_{2,6} \vdash t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,2} \lor e_{2,6}$$

$$4038. \ t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,2},\, e_{2,3}}, \neg t_{e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,3} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,3}$$

$$4039. \ t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{e_{1,2}, \, e_{2,3}}, \neg t_{e_{1,2}, \, e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2}, \, \neg e_{1,3}} \vdash t_{\neg e_{1,6}, \, e_{2,6}} \lor e_{2,3} \lor t_{e_{1,2}, \, \neg e_{1,3}}$$

$$4040.\ t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,2},\, e_{2,3}}, \neg t_{e_{1,2},\, e_{2,3}} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}$$

$$4041. \ t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{e_{1,2}, \, e_{2,3}}, \neg t_{e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,2} \vdash t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,2}$$

$$4042. \ t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,2},\, e_{2,3}}, \neg t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor e_{1,2} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor e_{1,2}$$

$$4043.\ t_{\neg e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}}, \neg t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{2,3} \vdash t_{\neg e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{2,3}$$

$$4044.\ t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,2},\, e_{2,3}}, \neg t_{e_{1,2},\, e_{2,3}} \lor t_{e_{1,3},\, e_{2,3}} \lor e_{1,2} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,3},\, e_{2,3}} \lor e_{1,2}$$

$$4045. \ t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{e_{1,2}, \, e_{2,3}}, \neg t_{e_{1,2}, \, e_{2,3}} \lor t_{e_{1,2}, \, e_{1,3}} \lor e_{2,3} \vdash t_{e_{1,2}, \, e_{1,3}} \lor t_{\neg e_{1,6}, \, e_{2,6}} \lor e_{2,3}$$

$$4046.\ t_{\neg e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}}, t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,6},\,e_{2,6}} \lor e_{2,3}$$

$$4047. \ t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{e_{1,2}, \, e_{2,3}}, \neg t_{e_{1,2}, \, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash t_{\neg e_{1,6}, \, e_{2,6}} \lor e_{2,3} \lor e_{1,2}$$

$$4048.\ t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,2},\, e_{2,3}}, \neg t_{e_{1,2},\, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor e_{2,3} \lor e_{1,2}$$

$$4049. \ t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}}, \neg t_{e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,3} \vdash \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,3}$$

$$4050. \ t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{e_{1,2}, \, e_{2,3}}, \neg t_{e_{1,2}, \, e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2}, \, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2}, \, \neg e_{1,3}}$$

$$4051. \ t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}}, \neg t_{e_{1,2},\, e_{2,3}} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}$$

4052.
$$t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}$$

$$4053. \ t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}}, \neg t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor e_{1,2} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}$$

$$4054. \ t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{e_{1,2}, \, e_{2,3}}, \neg t_{e_{1,2}, \, e_{2,3}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{2,3}$$

$$4055. \ t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{e_{1,2}, \, e_{2,3}}, \neg t_{e_{1,2}, \, e_{2,3}} \lor t_{e_{1,3}, \, e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,3}, \, e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,2}$$

$$4056.\ t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}}, \neg t_{e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, e_{1,3}} \lor e_{2,3} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,3}$$

$$4057. \ t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{e_{1,2}, \, e_{2,3}}, t_{e_{1,2}, \, e_{1,3}} \lor \neg t_{e_{1,2}, \, e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,2}, \, e_{1,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{2,3}$$

$$4058.\ t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}}, \neg t_{e_{1,2},\, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,3} \lor e_{1,2}$$

4059.
$$t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,3} \lor e_{1,2}$$

$$4060. \ \ t_{e_{1,5},\, \neg e_{2,5}} \lor e_{2,5}, \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$$

$$4061. \ t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,5}, t_{\neg e_{1,6}, e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, e_{2,6}}$$

$$4062. \ t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,5}, \neg e_{2,5} \lor t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor \neg$$

$$4063. \ t_{e_{1,5},\, \neg e_{2,5}} \lor e_{2,5}, t_{\neg e_{1,5},\, \neg e_{2,5}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{1,5},\,$$

$$4064. \ \ t_{e_{1,5},\, \neg e_{2,5}} \lor e_{2,5}, e_{1,5} \lor \neg e_{5,6} \lor \neg e_{2,5} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5} \lor \neg e_{5,6}$$

$$4065. \ t_{e_{1,5},\, \neg e_{2,5}} \lor e_{2,5}, \neg e_{2,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,2},\, \neg e_{1,3}} \lor t_{e_$$

$$4066. \ t_{e_{1,5},\,\neg e_{2,5}} \lor e_{2,5}, t_{e_{1,5},\,\neg e_{2,5}} \lor \neg e_{2,5} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \vdash \neg t_{e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,5},$$

$$4067. \ t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,5}, t_{\neg e_{1,2}, e_{1,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,5}, \neg e_{2,$$

$$4068. \ t_{e_{1,5},\, \neg e_{2,5}} \lor e_{2,5}, \neg e_{2,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor t_{\neg$$

$$4069.\ t_{e_{1,5},\,\neg e_{2,5}} \lor e_{2,5}, \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,5} \lor t_{\neg e_{1,6},\,\neg e_{2,6}} \vdash t_{e_{1,5},\,\neg e_{2,5}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,6},\,\neg e_$$

$$4070.\ t_{e_{1,5},\,\neg e_{2,5}} \lor e_{2,5}, t_{e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \vdash t_{e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,5}} \lor t_{$$

$$4071. \ t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,5}, t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{2,5}, e_{2,6}}$$

$$4072. \ t_{e_{1,5},\, \neg e_{2,5}} \lor e_{2,5}, t_{e_{1,2},\, e_{1,3}} \lor \neg e_{2,5} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,5},\,$$

$$4073. \ t_{e_{1,5},\, \neg e_{2,5}} \lor e_{2,5}, \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \lor \neg e_{2,5} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{1,5},\,$$

$$4074. \ t_{e_{1,5},\, \neg e_{2,5}} \lor e_{2,5}, t_{\neg e_{1,2},\, \neg e_{1,3}} \lor \neg e_{2,5} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{2,5}} \lor t_{$$

$$4075. \ \ t_{e_{1,5},\, \neg e_{2,5}} \lor e_{2,5}, \neg e_{1,5} \lor \neg e_{2,5} \lor \neg e_{4,5} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor \neg e_{1,5} \lor \neg e_{4,5}$$

$$4076. \ t_{e_{1,5},\,\neg e_{2,5}} \lor e_{2,5}, \neg e_{2,5} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,5},\,\neg e_{2,5}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$4077. \ t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,5}, \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor \neg e_{2,5} \lor$$

4078.
$$t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,5}, e_{5,6} \lor \neg e_{1,5} \lor \neg e_{2,5} \vdash e_{5,6} \lor t_{e_{1,5}, \neg e_{2,5}} \lor \neg e_{1,5}$$

$$4079. \ t_{e_{1,5},\, \neg e_{2,5}} \lor e_{2,5}, t_{\neg e_{1,2},\, e_{1,3}} \lor \neg e_{2,5} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}}$$

4080.
$$t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,5}, e_{1,5} \lor \neg e_{2,5} \lor \neg e_{4,5} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5} \lor \neg e_{4,5}$$

$$4081. \ t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,5}, \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \lor \neg e_{2,5}, \neg e_{2,6} \lor e_{2,6}, \neg e$$

4082.
$$t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,5}, \neg e_{2,5} \lor e_{2,3} \lor e_{1,2} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,3} \lor e_{1,2}$$

$$4083. \ t_{e_{1,5},\, \neg e_{2,5}} \lor e_{2,5}, t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg e_{2,5} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{2,5},\, \neg e_$$

$$4084. \ t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,5}, \neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,5}, e_{2,6}} \lor t_{\neg e_$$

$$4085. \ t_{e_{1,5},\, \neg e_{2,5}} \lor e_{2,5}, \neg e_{5,6} \lor \neg e_{1,5} \lor \neg e_{2,5} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor \neg e_{5,6} \lor \neg e_{1,5}$$

$$4086.\ t_{e_{1,5},\,\neg e_{2,5}} \lor e_{2,5}, t_{e_{1,2},\,e_{1,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{2,5}} \vdash t_{e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,5},\,\neg e_{2,5}} \lor \tau_{\neg e_{1,5},\,\neg e_{2,5}} \lor$$

$$4087. \ t_{e_{1,5},\, \neg e_{2,5}} \lor e_{2,5}, t_{\neg e_{1,2},\, \neg e_{1,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,5},\, \neg e_{2,5}} \lor$$

$$4088. \ \ t_{e_{1,5},\, \neg e_{2,5}} \lor e_{2,5}, e_{1,5} \lor e_{4,5} \lor \neg e_{2,5} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5} \lor e_{4,5}$$

4089.
$$t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,5}, \neg e_{1,2} \lor \neg e_{2,5} \lor e_{2,3} \vdash \neg e_{1,2} \lor t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,3}$$

$$4090. \ t_{e_{1,5},\, \neg e_{2,5}} \lor e_{2,5}, t_{e_{1,2},\, e_{2,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$$

$$4091. \ t_{e_{1,5},\, \neg e_{2,5}} \lor e_{2,5}, \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{e_{1,2},\, e_{2,3}} \lor \neg e_{2,5} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{e_{1,2},\, e_{2,3}} \lor \neg e_{2,5} \lor \neg e_{2,5} \lor \neg e_{2,5} \lor \neg e_{2,6} \lor e_{2,6} \lor$$

$$4092. \ t_{e_{1,5},\, \neg e_{2,5}} \lor e_{2,5}, \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor e_{1,6}$$

$$4093. \ t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,5}, \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$4094. \ t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,5}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg e_{2,5} \vdash \neg e_{1,2} \lor t_{e_{1,5}, \neg e_{2,5}} \lor \neg e_{2,3}$$

4095.
$$t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,5}, e_{5,6} \lor e_{1,5} \lor \neg e_{2,5} \vdash e_{5,6} \lor t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5}$$

4096.
$$t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,5}, \neg e_{1,5} \lor e_{4,5} \lor \neg e_{2,5} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor e_{4,5} \lor \neg e_{1,5}$$

$$4097. \ t_{e_{1,5},\, \neg e_{2,5}} \lor e_{2,5}, t_{e_{1,5},\, e_{2,5}} \lor \neg e_{2,5} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,5},\, e_{2,5}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{e_{1,5$$

$$4098. \ \ t_{e_{1,5},\, \neg e_{2,5}} \lor e_{2,5}, \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \lor \neg e_{2,5} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{2,6}} \lor t_{\neg e_{2,6},\, \neg e_{2,6}} \lor t_{\neg e_{2$$

$$4099. \ \ t_{e_{1,5}, \, \neg e_{2,5}} \lor e_{2,5}, \, \neg e_{2,3} \lor \neg e_{2,5} \lor e_{1,2} \vdash t_{e_{1,5}, \, \neg e_{2,5}} \lor \neg e_{2,3} \lor e_{1,2}$$

4100.
$$t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,5}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,5} \lor e_{2,3} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor e_{2,3}$$

4101.
$$t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,5}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg e_{2,5} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3}$$

$$4102. \ t_{e_{1,5},\, \neg e_{2,5}} \lor e_{2,5}, \neg e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{4,5} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{4,5}$$

$$4103. \ t_{e_{1,5},\, \neg e_{2,5}} \lor e_{2,5}, e_{5,6} \lor \neg e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash e_{5,6} \lor t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

4104.
$$t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,5}, \neg e_{5,6} \lor \neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor \neg e_{5,6} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$4105. \ t_{e_{1,5},\, \neg e_{2,5}} \lor e_{2,5}, e_{4,5} \lor \neg e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor e_{4,5} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

4106.
$$t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,5}, t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \lor \neg e_{4,5} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg e_{4,5}$$

4107.
$$t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,5}, e_{5,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \vdash e_{5,6} \lor t_{e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

4108.
$$t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,5}, \neg e_{5,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor \neg e_{5,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

4109.
$$t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,5}, e_{4,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor e_{4,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$4110. \ t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,5}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \vdash \neg e_{1,2} \lor t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \lor \neg e_{$$

4111.
$$t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,5}, t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \lor e_{1,2} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$4112. \ t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,5}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e$$

$$4113. \ t_{e_{1,5},\, \neg e_{2,5}} \lor e_{2,5}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{1,3}} \lor \neg e_{2,5} \vdash \neg e_{1,2} \lor t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,2},\, e_{1,3}}$$

$$4114. \ t_{e_{1,5}, \, \neg e_{2,5}} \lor e_{2,5}, t_{e_{1,2}, \, e_{1,3}} \lor \neg e_{2,5} \lor e_{1,2} \vdash t_{e_{1,5}, \, \neg e_{2,5}} \lor t_{e_{1,2}, \, e_{1,3}} \lor e_{1,2}$$

4115.
$$t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,5}, t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,5} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,3}, \neg e_{2,3}}$$

4116.
$$t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,5}, \neg e_{2,5} \lor e_{2,3} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,3} \lor \neg t_{\neg e_{2,5}, e_{2,6}}$$

$$4117. \ t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,5}, \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,5} \lor e_{2,3} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{2,3}$$

4118.
$$t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,5}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{2,5} \vdash \neg e_{1,2} \lor t_{e_{1,5}, \neg e_{2,5}} \lor \neg t_{\neg e_{1,2}, e_{2,3}}$$

4119.
$$t_{e_{1.5}, \neg e_{2.5}} \lor e_{2,5}, \neg t_{\neg e_{1.2}, e_{2.3}} \lor \neg e_{2,5} \lor e_{1,2} \vdash t_{e_{1.5}, \neg e_{2.5}} \lor \neg t_{\neg e_{1.2}, e_{2.3}} \lor e_{1,2}$$

$$4120. \ t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,5}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{2,5} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}}$$

4121.
$$t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,5}, \neg e_{2,5} \lor \neg e_{4,5} \lor e_{2,3} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor \neg e_{4,5} \lor e_{2,3}$$

4122.
$$t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,5}, e_{5,6} \lor \neg e_{2,5} \lor e_{2,3} \vdash e_{5,6} \lor t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,3}$$

4123.
$$t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,5}, \neg e_{5,6} \lor \neg e_{2,5} \lor e_{2,3} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor \neg e_{5,6} \lor e_{2,3}$$

4124.
$$t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,5}, e_{4,5} \lor \neg e_{2,5} \lor e_{2,3} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor e_{4,5} \lor e_{2,3}$$

4125.
$$t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,5}, \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}} \lor \neg e_{2,5} \vdash \neg e_{1,2} \lor t_{e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,2}, e_{1,3}}$$

$$4126.\ t_{e_{1,5},\,\neg e_{2,5}} \lor e_{2,5}, t_{\neg e_{1,2},\,e_{1,3}} \lor \neg e_{2,5} \lor e_{1,2} \vdash t_{e_{1,5},\,\neg e_{2,5}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,2}$$

$$4127. \ t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,5}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{1,3}} \lor \neg e_{2,5} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{1,3}}$$

4128.
$$t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,5}, \neg e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}} \lor e_{1,2} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}} \lor e_{1,2}$$

$$4129. \ t_{e_{1,5},\, \neg e_{2,5}} \lor e_{2,5}, \neg e_{2,5} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,2} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,2}$$

4130.
$$t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,5}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg e_{2,5} \lor e_{2,3} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

4131.
$$t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,5}, \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg e_{2,5} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}}$$

$$4132. \ t_{e_{1,5},\, \neg e_{2,5}} \lor e_{2,5}, \neg t_{e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,5} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,5} \lor \neg e_{2,$$

4133.
$$t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,5}, t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg e_{2,5} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}}$$

$$4134. \ t_{e_{1,5},\, \neg e_{2,5}} \lor e_{2,5}, \neg t_{e_{1,2},\, \neg e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{2,5} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t$$

$$4135. \ t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,5}, t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg e_{2,5} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}}$$

$$4136. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, \neg e_{1,5} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \vdash \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{2,5}} \lor t_{\neg$$

4137.
$$\neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{e_{4,5}, e_{5,6}} \vdash e_{1,5} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{e_{4,5}, e_{5,6}}$$

$$4138. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,5},\, e_{2,5}} \lor t_{e_{4,5},\, e_{5,6}} \vdash e_{1,5} \lor t_{e_{1,5},\, e_{2,5}} \lor t_{e_{4,5},\, e_{5,6}}$$

4139.
$$\neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5}, \neg e_{2,5}} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \lor \neg e_{4,6} \vdash \neg t_{\neg e_{4,6}, e_{5,6}} \lor e_{1,5} \lor \neg e_{4,6}$$

4140.
$$\neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5}, \neg e_{1,3} \lor \neg e_{1,5} \lor e_{1,2} \vdash \neg e_{1,3} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,2}$$

$$4141. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{e_{4,5},\, \neg e_{5,6}} \vdash e_{1,5} \lor t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{e_{4,5},\, \neg e_{5,6}} \lor t_{\neg e_{1,5},\, \neg e_{2,5}} \lor t_{\neg$$

$$4142. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{4,5},\, \neg e_{5,6}} \lor t_{\neg e_{4,5},\, \neg e_{5,6}} \vdash e_{1,5} \lor t_{\neg e_{4,5},\, \neg e_{5,6}} \lor t_{e_{4,5},\, \neg e_{5,6}} \lor t_{e_{$$

$$4143. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_$$

4144.
$$\neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5}, e_{4,5} \lor \neg e_{1,5} \lor e_{2,5} \vdash e_{4,5} \lor e_{2,5} \lor \neg t_{e_{1,5}, \neg e_{2,5}}$$

$$4145. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{e_{1,5},\, \neg e_{$$

4146.
$$\neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5}, \neg e_{2,5}} \lor e_{4,6} \lor \neg t_{e_{4,5}, e_{4,6}} \vdash e_{1,5} \lor e_{4,6} \lor \neg t_{e_{4,5}, e_{4,6}}$$

$$4147. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,5},\, \neg e_{2,5}} \lor t_{e_{4,5},\, \neg e_{5,6}} \vdash e_{1,5} \lor t_{\neg e_{1,5},\, \neg e_{2,5}} \lor t_{e_{4,5},\, \neg e_{5,6}}$$

$$4148. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{4,5},\, \neg e_{5,6}} \vdash e_{1,5} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{4,5},\, \neg e_{5,6}} \lor t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{4,5},\, \neg e_{5,6}} \lor t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{2,5},\, \neg e_{2,5}} \lor t_{e_{2,5}$$

4149.
$$\neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg e_{1,5} \vdash \neg e_{1,3} \lor \neg e_{1,2} \lor \neg t_{e_{1,5}, \neg e_{2,5}}$$

$$4150. \ \, \neg t_{e_{1,5}, \, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5}, \, \neg e_{2,5}} \lor t_{e_{1,3}, \, e_{2,3}} \lor t_{e_{4,5}, \, e_{5,6}} \vdash e_{1,5} \lor t_{e_{1,3}, \, e_{2,3}} \lor t_{e_{4,5}, \, e_{5,6}}$$

$$4151. \ \, \neg t_{e_{1,5}, \, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5}, \, \neg e_{2,5}} \lor t_{e_{1,5}, \, e_{2,5}} \lor t_{e_{4,5}, \, \neg e_{5,6}} \vdash e_{1,5} \lor t_{e_{1,5}, \, e_{2,5}} \lor t_{e_{4,5}, \, \neg e_{5,6}}$$

$$4152. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{4,5},\, e_{5,6}} \vdash e_{1,5} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{4,5},\, e_{5,6}}$$

$$4153. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{e_{4,5},\, \neg e_{5,6}} \lor e_{4,5} \vdash e_{1,5} \lor e_{4,5} \lor \neg t_{e_{4,5},\, \neg e_{5,6}}$$

4154.
$$\neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{4,5}, \neg e_{5,6}} \vdash e_{1,5} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{4,5}, \neg e_{5,6}}$$

$$4155. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{4,5},\, \neg e_{5,6}} \lor t_{\neg e_{4,5},\, e_{5,6}} \vdash e_{1,5} \lor t_{\neg e_{4,5},\, \neg e_{5,6}} \lor t_{\neg e_{4,5},\, e_{5,6}} \lor t_{\neg e$$

4156.
$$\neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5}, \neg e_{2,5}} \lor \neg e_{2,5} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \vdash e_{1,5} \lor \neg e_{2,5}$$

4157.
$$\neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5}, \neg e_{1,6} \lor t_{e_{1,5}, \neg e_{2,5}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \vdash e_{1,5} \lor \neg e_{1,6} \lor \neg t_{e_{1,5}, \neg e_{1,6}}$$

$$4158. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,5},\, \neg e_{5,6}} \vdash e_{1,5} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,5},\, \neg e_{5,6}} \lor \neg t_{\neg e_{4,5},\,$$

$$4159. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, e_{1,6}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}}$$

4160.
$$\neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5}, \neg e_{1,5} \lor e_{1,3} \lor e_{1,2} \vdash \neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,3} \lor e_{1,2}$$

4161.
$$\neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{4,5}, \neg e_{5,6}} \vdash e_{1,5} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{4,5}, \neg e_{5,6}}$$

$$4162. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \vdash \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{e_{1,5},\, e_{$$

$$4163. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$4164. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, e_{5,6} \lor t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{e_{4,5},\, e_{5,6}} \vdash e_{5,6} \lor e_{1,5} \lor \neg t_{e_{4,5},\, e_{5,6}}$$

4165.
$$\neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \vdash e_{1,5}$$

$$4166. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{\neg e_{1,2},\, e_{1,3}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, e_{1,6}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}}$$

$$4167. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{4,5},\, \neg e_{4,6}} \lor \neg e_{4,6} \vdash e_{1,5} \lor \neg t_{\neg e_{4,5},\, \neg e_{4,6}} \lor \neg e_{4,6}$$

$$4168. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{e_{4,5},\, e_{5,6}} \lor e_{4,5} \vdash e_{1,5} \lor e_{4,5} \lor \neg t_{e_{4,5},\, e_{5,6}}$$

$$4169. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{2,5},\, \neg e_{2,5}} \lor t_$$

$$4170. \ \, \neg t_{e_{1,5},\,\neg e_{2,5}} \lor e_{1,5}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \vdash \neg t_{\neg e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \lor t_{\neg e_{1,5},\,\neg e_{2,5}} \lor t_{\neg e_{1,5},\,$$

$$4171. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor \neg e_{4,6} \lor \neg t_{e_{4,5},\, \neg e_{4,6}} \vdash e_{1,5} \lor \neg e_{4,6} \lor \neg t_{e_{4,5},\, \neg e_{4,6}}$$

$$4172. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, \neg e_{1,5} \lor \neg e_{2,5} \lor \neg e_{4,5} \vdash \neg e_{2,5} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor \neg e_{4,5}$$

4173.
$$\neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{4,5}, e_{5,6}} \vdash e_{1,5} \lor t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{4,5}, e_{5,6}}$$

4174.
$$\neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5}, \neg e_{2,5}} \lor e_{4,6} \lor \neg t_{e_{4,6}, e_{5,6}} \vdash e_{1,5} \lor e_{4,6} \lor \neg t_{e_{4,6}, e_{5,6}}$$

$$4175. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, \neg e_{1,5} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \vdash \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,2},\, \neg e_{2,5}} \lor \neg t_{e_{1,2},\, \neg e_{2,5}} \lor \neg t_{e_{1,3},\, \neg e_{2,5}} \lor \neg t_{e_{1,4},\, \neg e_{2,5}} \lor$$

$$4176. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{4,5},\, \neg e_{5,6}} \lor t_{e_{4,5},\, e_{5,6}} \vdash e_{1,5} \lor t_{e_{4,5},\, \neg e_{5,6}} \lor t_{e_{4,5},\, e_{5,6}} \lor t_{e_{4,5},\,$$

4177.
$$\neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5}, e_{5,6} \lor \neg e_{1,5} \lor \neg e_{2,5} \vdash e_{5,6} \lor \neg e_{2,5} \lor \neg t_{e_{1,5}, \neg e_{2,5}}$$

$$4178. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{4,5},\, e_{5,6}} \lor t_{\neg e_{4,5},\, e_{5,6}} \vdash e_{1,5} \lor t_{\neg e_{4,5},\, e_{5,6}} \lor t_{e_{4,5},\, e_{5,6}} \lor t_{e_{4,5},\,$$

4179.
$$\neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5}, \neg e_{2,5}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6}$$

4180.
$$\neg t_{e_{1,5}}, \neg e_{2,5} \lor e_{1,5}, e_{5,6} \lor \neg e_{1,5} \lor e_{2,5} \vdash e_{5,6} \lor e_{2,5} \lor \neg t_{e_{1,5}}, \neg e_{2,5}$$

$$4181. \ \, \neg t_{e_{1,5},\,\neg e_{2,5}} \lor e_{1,5}, \neg e_{1,5} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor \neg t_{\neg e_{1,5},\,e_{1,6}} \vdash t_{e_{1,6},\,\neg e_{2,6}} \lor \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}}$$

$$4182. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, e_{5,6} \lor t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{4,5},\, e_{5,6}} \vdash e_{5,6} \lor e_{1,5} \lor \neg t_{\neg e_{4,5},\, e_{5,6}}$$

$$4183. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor \neg e_{1,6} \lor \neg t_{e_{1,5},\, \neg e_{1,6}} \vdash e_{1,5} \lor \neg e_{1,6} \lor \neg t_{e_{1,5},\, \neg e_{1,6}}$$

$$4184. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{4,5},\, e_{5,6}} \lor \neg e_{4,5} \vdash e_{1,5} \lor \neg t_{\neg e_{4,5},\, e_{5,6}} \lor \neg e_{4,5}$$

4185.
$$\neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5}, \neg e_{5,6} \lor \neg e_{1,5} \lor e_{2,5} \vdash \neg e_{5,6} \lor e_{2,5} \lor \neg t_{e_{1,5}, \neg e_{2,5}}$$

4186.
$$\neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5}, \neg e_{1,2} \lor \neg e_{1,5} \lor e_{1,3} \vdash \neg e_{1,2} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,3}$$

4187.
$$\neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5}, \neg e_{2,5}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$4188. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor e_{4,6} \lor \neg t_{\neg e_{4,5},\, e_{4,6}} \vdash e_{1,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5},\, e_{4,6}}$$

$$4189. \ \, \neg t_{e_{1,5},\,\neg e_{2,5}} \lor e_{1,5}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_$$

$$4190. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{4,5},\, \neg e_{5,6}} \lor t_{e_{1,3},\, e_{2,3}} \vdash e_{1,5} \lor t_{\neg e_{4,5},\, \neg e_{5,6}} \lor t_{e_{1,3},\, e_{2,3}}$$

$$4191. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \lor e_{2,6} \vdash \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{2,6}$$

4192.
$$\neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5}, \neg e_{5,6} \lor \neg e_{1,5} \lor \neg e_{2,5} \vdash \neg e_{5,6} \lor \neg e_{2,5} \lor \neg t_{e_{1,5}, \neg e_{2,5}}$$

4193.
$$\neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5}, \neg e_{2,5}} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}} \vdash e_{1,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}}$$

$$4194. \ \, \neg t_{e_{1,5},\,\neg e_{2,5}} \lor e_{1,5}, \neg e_{1,5} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,5},\,\neg e_{2,5}} \vdash \neg t_{\neg e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \lor t_{e$$

$$4195. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \vdash e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5}$$

$$4196. \ \, \neg t_{e_{1,5},\,\neg e_{2,5}} \lor e_{1,5}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,6},\,\neg e_{2,6}} \vdash \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \lor t_{\neg e_{1,6},\,\neg e_{2,6}} \lor \neg t_{\neg e_{1,6},\,\neg e$$

$$4197. \ \neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{4,5}, e_{5,6}} \vdash e_{1,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{4,5}, e_{5,6}}$$

$$4198. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{\neg e_{1,2},\, e_{1,3}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}}$$

$$4199. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, \neg e_{1,5} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \vdash \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}}$$

$$4200. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{4,5},\, e_{5,6}} \vdash e_{1,5} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{4,5},\, e_{5,6}}$$

$$4201. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{4,5},\, \neg e_{5,6}} \lor t_{e_{4,5},\, \neg e_{5,6}} \vdash e_{1,5} \lor t_{e_{4,5},\, \neg e_{5,6}} \lor t_{\neg e_{4,5},\, \neg e_{5,6}} \lor t_{\neg$$

$$4202. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,2},\, e_{1,3}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \vdash t_{e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}}$$

$$4203. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{4,5},\, \neg e_{5,6}} \vdash e_{1,5} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{4,5},\, \neg e_{5,6}}$$

$$4204. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \vdash e_{1,5} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}}$$

$$4205. \ \, \neg t_{e_{1,5},\,\neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\,\neg e_{2,5}} \lor t_{\neg e_{1,5},\,\neg e_{2,5}} \lor t_{\neg e_{4,5},\,e_{5,6}} \vdash e_{1,5} \lor t_{\neg e_{1,5},\,\neg e_{2,5}} \lor t_{\neg e_{4,5},\,e_{5,6}} \lor t_{\neg e_{$$

$$4206. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{e_{1,5},\, e_{1,6}} \lor e_{1,6} \vdash e_{1,5} \lor \neg t_{e_{1,5},\, e_{1,6}} \lor e_{1,6}$$

$$4207. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor e_{4,6} \lor \neg t_{e_{4,6},\, \neg e_{5,6}} \vdash e_{1,5} \lor e_{4,6} \lor \neg t_{e_{4,6},\, \neg e_{5,6}}$$

$$4208. \ \, \neg t_{e_{1,5},\,\neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\,e_{2,5}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,e_{2,5}} \vdash t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{1,5},\,e_{2,5}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \lor \neg t_{e_{1,5},\,\neg e_{2,5$$

$$4209. \ \, \neg t_{e_{1,5},\,\neg e_{2,5}} \lor e_{1,5}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,5},\,e_{2,5}} \vdash \neg t_{\neg e_{1,5},\,e_{2,5}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \lor t_{\neg e_{1,5},\,e_{2,5}} \lor t_{\neg$$

$$4210. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,3},\, e_{2,3}} \lor t_{\neg e_{4,5},\, e_{5,6}} \vdash e_{1,5} \lor t_{e_{1,3},\, e_{2,3}} \lor t_{\neg e_{4,5},\, e_{5,6}}$$

4211.
$$\neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{4,5}, \neg e_{5,6}} \vdash e_{1,5} \lor t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{4,5}, \neg e_{5,6}}$$

$$4212. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{e_{4,5},\, e_{5,6}} \vdash e_{1,5} \lor t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{e_{4,5},\, e_{5,6}} \lor t_{\neg e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{$$

$$4213. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{4,5},\, \neg e_{5,6}} \lor \neg e_{4,5} \vdash e_{1,5} \lor \neg t_{\neg e_{4,5},\, \neg e_{5,6}} \lor \neg e_{4,5}$$

4214.
$$\neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5}, \neg e_{1,5} \lor e_{2,5} \lor \neg e_{4,5} \vdash e_{2,5} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \lor \neg e_{4,5}$$

4215.
$$\neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5}, \neg e_{1,5} \lor e_{4,5} \lor \neg e_{2,5} \vdash e_{4,5} \lor \neg e_{2,5} \lor \neg t_{e_{1,5}, \neg e_{2,5}}$$

$$4216. \ \, \neg t_{e_{1,5},\,\neg e_{2,5}} \lor e_{1,5}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$4217. \ \, \neg t_{e_{1,5}, \, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,2}, \, e_{1,3}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \, e_{1,6}} \vdash t_{e_{1,2}, \, e_{1,3}} \lor \neg t_{\neg e_{1,5}, \, e_{1,6}} \lor \neg t_{e_{1,5}, \, \neg e_{2,5}}$$

$$4218. \ \, \neg t_{e_{1,5},\,\neg e_{2,5}} \lor e_{1,5}, t_{\neg e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash t_{\neg e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \lor \neg t_{\neg e_{1,5},\,\neg e_{2,$$

$$4219. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, \neg e_{1,5} \lor t_{e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \vdash t_{e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_$$

$$4220. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, e_{1,6}} \lor t_{e_{1,6},\, e_{2,6}} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,6},\, e_{2,6}} \lor \neg t_{e$$

$$4221. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{4,5},\, \neg e_{5,6}} \vdash e_{1,5} \lor t_{\neg e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{4,5},\, \neg e_{5,6}}$$

$$4222. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{4,5},\, e_{5,6}} \vdash e_{1,5} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{4,5},\, e_{5,6}}$$

$$4223. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{4,5},\, \neg e_{5,6}} \vdash e_{1,5} \lor t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{4,5},\, \neg e_{5,6}}$$

$$4224. \ \, \neg t_{e_{1,5},\,\neg e_{2,5}} \lor e_{1,5}, t_{\neg e_{1,5},\,\neg e_{2,5}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{2,5}} \vdash t_{\neg e_{1,5},\,\neg e_{2,5}} \lor \neg t_{\neg e_{1,5},\,\neg e_{2,5}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \lor \neg t_{e_{1,$$

$$4225. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{4,5},\, e_{5,6}} \lor t_{e_{4,5},\, e_{5,6}} \vdash e_{1,5} \lor t_{e_{4,5},\, e_{5,6}} \lor t_{\neg e_{4,5},\, e_{5,6}} \lor t_{\neg e_{4,5},\,$$

$$4226. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{4,5},\, e_{5,6}} \vdash e_{1,5} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{4,5},\, e_{5,6}}$$

$$4227. \ \neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{4,5}, \neg e_{5,6}} \lor t_{e_{1,3}, e_{2,3}} \vdash e_{1,5} \lor t_{e_{4,5}, \neg e_{5,6}} \lor t_{e_{1,3}, e_{2,3}}$$

4228.
$$\neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,4}, e_{2,4}} \lor e_{2,5} \vdash e_{1,5} \lor t_{e_{1,4}, e_{2,4}} \lor e_{2,5}$$

$$4229. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, \neg e_{1,3} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor \neg e_{1,5} \vdash \neg e_{1,3} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_$$

$$4230. \ \, \neg t_{e_{1,5},\,\neg e_{2,5}} \lor e_{1,5}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg e_{1,5} \lor e_{1,3} \vdash t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \lor e_{1,3}$$

$$4231. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \vdash e_{1,5} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{2,5},\, \neg$$

$$4232. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor e_{2,5} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash e_{1,5} \lor e_{2,5} \lor t_{\neg e_{1,2},\, \neg e_{2,3}}$$

$$4233. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$4234. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash e_{1,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_$$

$$4235. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, \neg e_{1,5} \lor t_{e_{1,2},\, e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,2},\, e_{2,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,2}$$

$$4236. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, \neg e_{1,2} \lor \neg e_{1,5} \lor t_{e_{1,2},\, e_{2,3}} \vdash \neg e_{1,2} \lor t_{e_{1,2},\, e_{2,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}}$$

$$4237. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,3},\, \neg e_{2,3}} \lor \neg e_{1,5} \lor t_{e_{1,2},\, e_{2,3}} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor \neg e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor$$

$$4238. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \vdash e_{1,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}$$

$$4239. \ \, \neg t_{e_{1,5},\,\neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\,\neg e_{2,5}} \lor e_{2,5} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{1,5} \lor e_{2,5} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$4240. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor e_{2,5} \vdash e_{1,5} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor e_{2,5}$$

$$4241. \ \, \neg t_{e_{1,5},\,\neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\,\neg e_{2,5}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \vdash e_{1,5} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}}$$

$$4242. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor e_{2,5} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash e_{1,5} \lor e_{2,5} \lor t_{\neg e_{1,5},\, e_{2,5}}$$

$$4243. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \vdash e_{1,5} \lor t_{\neg e_{1,2},\, \neg e_{1,3}}$$

$$4244. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, \neg e_{1,5} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor \neg e_{4,5} \vdash t_{\neg e_{1,2},\, \neg e_{1,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor \neg e_{4,5}$$

$$4245. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, e_{5,6} \lor \neg e_{1,5} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash e_{5,6} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}}$$

$$4246. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, \neg e_{5,6} \lor \neg e_{1,5} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash \neg e_{5,6} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}}$$

$$4247. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, e_{4,5} \lor \neg e_{1,5} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash e_{4,5} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}}$$

4248.
$$\neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$4249. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{2,5} \vdash e_{1,5} \lor e_{2,5} \lor t_{\neg e_{1,2},\, \neg e_{1,3}}$$

4250.
$$\neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,5} \lor e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}}$$

4251.
$$\neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$4252. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash e_{1,5} \lor t_{\neg e_{1,5},\, e_{2,5}}$$

4253.
$$\neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,5} \vdash e_{1,5} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,5}$$

4254.
$$\neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \vdash e_{1,5}$$

$$4255. \ \, \neg t_{e_{1,5}, \, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5}, \, \neg e_{2,5}} \lor t_{e_{1,2}, \, e_{1,3}} \lor e_{2,5} \vdash e_{1,5} \lor t_{e_{1,2}, \, e_{1,3}} \lor e_{2,5}$$

4256.
$$\neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash e_{1,5} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$4257. \ \, \neg t_{e_{1,5},\,\neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\,\neg e_{2,5}} \lor \neg t_{\neg e_{1,5},\,e_{2,5}} \lor e_{2,5} \vdash e_{1,5} \lor \neg t_{\neg e_{1,5},\,e_{2,5}} \lor e_{2,5}$$

4258.
$$\neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5} \lor t_{e_{1,2}, e_{2,3}} \vdash e_{1,5} \lor t_{e_{1,2}, e_{2,3}}$$

$$4259. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,2},\, e_{2,3}} \lor e_{2,5} \vdash e_{1,5} \lor t_{e_{1,2},\, e_{2,3}} \lor e_{2,5}$$

$$4260. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor e_{2,5} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash e_{1,5} \lor e_{2,5} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$4261. \ \, \neg t_{e_{1,5}, \, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,2}, \, e_{1,3}} \lor t_{e_{1,5}, \, \neg e_{2,5}} \lor e_{2,5} \vdash e_{1,5} \lor t_{e_{1,2}, \, e_{1,3}} \lor e_{2,5}$$

4262.
$$\neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, e_{1,3}} \lor e_{2,6} \vdash e_{1,5} \lor t_{e_{1,2}, e_{1,3}} \lor e_{2,6}$$

$$4263. \ \, \neg t_{e_{1,5},\,\neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\,\neg e_{2,5}} \lor e_{2,6} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{1,5} \lor e_{2,6} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$4264. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash e_{1,5} \lor e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

4265.
$$\neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,6} \vdash e_{1,5} \lor t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,6}$$

$$4266. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{2,6} \vdash e_{1,5} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{2,6}$$

$$4267. \ \, \neg t_{e_{1,5}, \, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5}, \, \neg e_{2,5}} \lor t_{\neg e_{1,2}, \, e_{1,3}} \lor e_{2,6} \vdash e_{1,5} \lor t_{\neg e_{1,2}, \, e_{1,3}} \lor e_{2,6}$$

$$4268. \ \, \neg t_{e_{1,5},\,\neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor e_{2,6}$$

$$4269. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash e_{1,5} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$4270. \ \, \neg t_{e_{1,5},\,\neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\,\neg e_{2,5}} \lor e_{1,6} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \vdash e_{1,5} \lor e_{1,6} \lor t_{\neg e_{1,2},\,\neg e_{2,3}}$$

$$4271. \ \, \neg t_{e_{1,5}, \, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5}, \, \neg e_{2,5}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor e_{1,6} \vdash e_{1,5} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor e_{1,6}$$

$$4272. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \lor e_{1,6} \vdash e_{1,5} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \lor e_{1,6}$$

4273.
$$\neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,6} \vdash e_{1,5} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,6}$$

$$4274. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,5},\, \neg e_{2,5}} \lor e_{2,5} \vdash e_{1,5} \lor t_{\neg e_{1,5},\, \neg e_{2,5}} \lor e_{2,5}$$

4275.
$$\neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,5} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor e_{2,5} \lor t_{\neg e_{1,5}, e_{2,5}}$$

$$4276. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{\neg e_{1,3},\, e_{2,3}} \lor \neg e_{1,5} \lor e_{1,2} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,2}$$

$$4277. \ \, \neg t_{e_{1,5}, \, \neg e_{2,5}} \lor e_{1,5}, \, \neg e_{1,2} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor \neg e_{1,5} \vdash \neg e_{1,2} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor \neg t_{e_{1,5}, \, \neg e_{2,5}}$$

$$4278. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor \neg e_{1,5} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}}$$

$$4279. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,3} \vdash \neg t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{2,3}$$

$$4280. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \lor e_{2,3} \vdash \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{2,3}$$

4281.
$$\neg t_{e_{1.5}, \neg e_{2.5}} \lor e_{1,5}, t_{e_{1.5}, \neg e_{2.5}} \lor \neg t_{\neg e_{1.5}, \neg e_{2.5}} \lor e_{2,3} \vdash e_{1,5} \lor \neg t_{\neg e_{1.5}, \neg e_{2.5}} \lor e_{2,3}$$

4282.
$$\neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5} \lor e_{2,3} \vdash e_{1,5} \lor e_{2,3}$$

4283.
$$\neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,6} \lor e_{2,3} \vdash e_{1,5} \lor e_{1,6} \lor e_{2,3}$$

$$4284. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,2},\, e_{1,3}} \lor e_{2,6} \vdash e_{1,5} \lor t_{e_{1,2},\, e_{1,3}} \lor e_{2,6}$$

$$4285. \ \, \neg t_{e_{1,5},\,\neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\,\neg e_{2,5}} \lor e_{2,6} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{1,5} \lor e_{2,6} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$4286. \ \, \neg t_{e_{1,5},\,\neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\,\neg e_{2,5}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,6} \vdash e_{1,5} \lor e_{1,6} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

4287.
$$\neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,6} \vdash e_{1,5} \lor t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,6}$$

$$4288. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{2,6} \vdash e_{1,5} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{2,6}$$

$$4289. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,6} \vdash e_{1,5} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,6}$$

$$4290. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor e_{2,6} \vdash e_{1,5} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor e_{2,6}$$

$$4291. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash e_{1,5} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$4292. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{1,6} \vdash e_{1,5} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{1,6}$$

$$4293. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,6} \vdash e_{1,5} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,6}$$

$$4294. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \lor e_{1,6} \vdash e_{1,5} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \lor e_{1,6}$$

$$4295. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,2},\, e_{2,3}} \lor e_{1,6} \vdash e_{1,5} \lor t_{e_{1,2},\, e_{2,3}} \lor e_{1,6}$$

4296.
$$\neg t_{e_{1,5}}, \neg e_{2,5} \lor e_{1,5}, t_{e_{1,5}}, \neg e_{2,5} \lor e_{1,6} \lor e_{2,3} \vdash e_{1,5} \lor e_{1,6} \lor e_{2,3}$$

$$4297. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,5} \vdash e_{1,5} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,5}$$

$$4298. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, \neg e_{1,3} \lor \neg e_{1,5} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}}$$

$$4299. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, \neg e_{1,5} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor e_{1,3} \vdash \neg t_{e_{1,2},\, \neg e_{1,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,3}$$

$$4300. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,2} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,2}$$

$$4301. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \lor e_{1,2} \vdash \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,2}$$

4302.
$$\neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5}, \neg e_{2,5}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,2} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,2}$$

$$4303. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, \neg e_{1,5} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,2},\, e_{2,3}} \vdash \neg t_{e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,2},\, e_{2,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_$$

4304.
$$\neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,5} \lor e_{1,2} \vdash e_{1,5} \lor e_{2,5} \lor e_{1,2}$$

4305.
$$\neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,5} \lor e_{1,2} \vdash e_{1,5} \lor e_{2,5} \lor e_{1,2}$$

4306.
$$\neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,5} \lor e_{1,2} \vdash e_{1,5} \lor e_{2,5} \lor e_{1,2}$$

4307.
$$\neg t_{e_{1,5},\,\neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\,\neg e_{2,5}} \lor e_{1,2} \lor e_{2,6} \vdash e_{1,5} \lor e_{1,2} \lor e_{2,6}$$

$$4308. \ \, \neg t_{e_{1,5},\,\neg e_{2,5}} \lor e_{1,5}, t_{\neg e_{1,3},\,e_{2,3}} \lor \neg e_{1,5} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{\neg e_{1,3},\,e_{2,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \lor \neg t_{e_{1,5},\,\neg e_$$

4309.
$$\neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,2} \lor e_{2,6} \vdash e_{1,5} \lor e_{1,2} \lor e_{2,6}$$

$$4310. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}$$

$$4311. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \vdash e_{1,5} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor \neg t_$$

$$4312. \ \, \neg t_{e_{1,5},\,\neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \vdash e_{1,5} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor$$

$$4313. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \vdash e_{1,5} \lor t_{\neg e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{1,5}$$

4314.
$$\neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5} \lor \neg e_{5,6} \vdash e_{1,5} \lor \neg e_{5,6}$$

$$4315. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash e_{1,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,2},\, \neg e_{1,3}} \lor t_$$

$$4316. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \vdash e_{1,5} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,5},\, \neg e_{2,5}} \lor$$

$$4317. \ \, \neg t_{e_{1,5}, \, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5}, \, \neg e_{2,5}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor t_{\neg e_{1,5}, \, e_{2,5}} \vdash e_{1,5} \lor \neg t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor t_{\neg e_{1,5}, \, e_{2,5}} \lor t_{\neg e$$

$$4318. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,6},\, \neg e_{2,6}$$

$$4319. \ \, \neg t_{e_{1,5},\,\neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \vdash e_{1,5} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,5}, t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{1,5}, t_{e_{1,5},\,\neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\,\neg e_{2,5$$

$$4320. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \vdash e_{1,5} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2$$

$$4321. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2},\, e_{1,3}}$$

$$4322. \ \, \neg t_{e_{1,5},\,\neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\,\neg e_{2,5}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \lor \neg t_{\neg e_{1,5},\,\neg e_{2,5}} \vdash e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{2,5}}$$

4323.
$$\neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \vdash e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$4324. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash e_{1,5} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$4325. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_$$

$$4326. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \vdash e_{1,5} \lor t_{\neg e_{1,2},\, e_{1,3}}$$

4327.
$$\neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5} \lor \neg e_{4,5} \vdash e_{1,5} \lor \neg e_{4,5}$$

$$4328. \ \, \neg t_{e_{1,5},\,\neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\,\neg e_{2,5}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2$$

4329.
$$\neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,3} \lor e_{1,2} \vdash e_{1,5} \lor e_{2,3} \lor e_{1,2}$$

$$4330. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \vdash e_{1,5} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{2,5},\, \neg$$

$$4331. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \vdash e_{1,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$$

$$4332. \ \, \neg t_{e_{1,5},\,\neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,5},\,\neg e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,5},\,\neg e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,5},\,\neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\,\neg e_{2,$$

$$4333. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \vdash e_{1,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,5},\, \neg e_{2,$$

4334.
$$\neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5} \lor e_{4,5} \vdash e_{1,5} \lor e_{4,5}$$

$$4335. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, \neg e_{1,2} \lor t_{e_{1,5},\, \neg e_{2,5}} \lor e_{2,3} \vdash \neg e_{1,2} \lor e_{1,5} \lor e_{2,3}$$

$$4336. \ \, \neg t_{e_{1,5},\,\neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \vdash e_{1,5} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}}$$

$$4337. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{e_{1,2},\, e_{2,3}} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{e$$

$$4338. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor e_{1,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor e_{1,6}$$

$$4339. \ \, \neg t_{e_{1,5},\,\neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\,\neg e_{2,5}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,5}, t_{\neg e_{1,5},\,\neg e_{2,5}} \lor e_{1,5}, t_{\neg e_{1,5},\,\neg e$$

4340.
$$\neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5}, \neg e_{1,2} \lor t_{e_{1,5}, \neg e_{2,5}} \lor \neg e_{2,3} \vdash \neg e_{1,2} \lor e_{1,5} \lor \neg e_{2,3}$$

4341.
$$\neg t_{e_{1,5}}, \neg e_{2,5} \lor e_{1,5}, e_{5,6} \lor t_{e_{1,5}}, \neg e_{2,5} \lor e_{1,5} \vdash e_{1,5} \lor e_{5,6}$$

$$4342. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,5},\, e_{2,5}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,5},\, e_{2,5}}$$

$$4343. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,6},\, \neg e_{2,6}$$

4344.
$$\neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5}, \neg e_{2,5}} \lor \neg e_{2,3} \lor e_{1,2} \vdash e_{1,5} \lor \neg e_{2,3} \lor e_{1,2}$$

$$4345. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor e_{2,3} \vdash e_{1,5} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor e_{2,3}$$

$$4346. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor \neg e_{2,3} \vdash e_{1,5} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor \neg e_{2,3}$$

$$4347. \ \, \neg t_{e_{1,5}, \, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5}, \, \neg e_{2,5}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor \neg e_{4,5} \vdash e_{1,5} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor \neg e_{4,5}$$

$$4348. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, e_{5,6} \lor t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash e_{5,6} \lor e_{1,5} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

4349.
$$\neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5}, \neg e_{2,5}} \lor \neg e_{5,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash e_{1,5} \lor \neg e_{5,6} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$4350. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor e_{4,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash e_{1,5} \lor e_{4,5} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$4351. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg e_{4,5} \vdash e_{1,5} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg e_{4,5}$$

$$4352. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, e_{5,6} \lor t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash e_{5,6} \lor e_{1,5} \lor t_{\neg e_{1,2},\, \neg e_{2,3}}$$

$$4353. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor \neg e_{5,6} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash e_{1,5} \lor \neg e_{5,6} \lor t_{\neg e_{1,2},\, \neg e_{2,3}}$$

$$4354. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor e_{4,5} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash e_{1,5} \lor e_{4,5} \lor t_{\neg e_{1,2},\, \neg e_{2,3}}$$

$$4355. \ \, \neg t_{e_{1,5},\,\neg e_{2,5}} \lor e_{1,5}, \neg e_{1,2} \lor t_{e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,2},\,\neg e_{2,3}} \vdash \neg e_{1,2} \lor e_{1,5} \lor t_{e_{1,2},\,\neg e_{2,3}}$$

4356.
$$\neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2} \vdash e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$4357. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash e_{1,5} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2}$$

$$4358. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, \neg e_{1,2} \lor t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,2},\, e_{1,3}} \vdash \neg e_{1,2} \lor e_{1,5} \lor t_{e_{1,2},\, e_{1,3}}$$

4359.
$$\neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, e_{1,3}} \lor e_{1,2} \vdash e_{1,5} \lor t_{e_{1,2}, e_{1,3}} \lor e_{1,2}$$

$$4360. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \vdash e_{1,5} \lor t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,3},\, \neg e_{2,3}}$$

$$4361. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor e_{2,3} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \vdash e_{1,5} \lor e_{2,3} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$$

$$4362. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor e_{2,3} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor e_{2,3}$$

$$4363. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, \neg e_{1,2} \lor t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg e_{1,2} \lor e_{1,5} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}$$

$$4364. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2} \vdash e_{1,5} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}$$

$$4365. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \vdash e_{1,5} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_$$

4366.
$$\neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5}, \neg e_{2,5}} \lor \neg e_{4,5} \lor e_{2,3} \vdash e_{1,5} \lor \neg e_{4,5} \lor e_{2,3}$$

4367.
$$\neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5}, e_{5,6} \lor t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,3} \vdash e_{5,6} \lor e_{1,5} \lor e_{2,3}$$

4368.
$$\neg t_{e_{1,5}}, \neg e_{2,5} \lor e_{1,5}, t_{e_{1,5}}, \neg e_{2,5} \lor \neg e_{5,6} \lor e_{2,3} \vdash e_{1,5} \lor \neg e_{5,6} \lor e_{2,3}$$

$$4369. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor e_{4,5} \lor e_{2,3} \vdash e_{1,5} \lor e_{4,5} \lor e_{2,3}$$

$$4370. \ \, \neg t_{e_{1,5},\,\neg e_{2,5}} \lor e_{1,5}, \neg e_{1,2} \lor t_{e_{1,5},\,\neg e_{2,5}} \lor t_{\neg e_{1,2},\,e_{1,3}} \vdash \neg e_{1,2} \lor e_{1,5} \lor t_{\neg e_{1,2},\,e_{1,3}}$$

4371.
$$\neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,2} \vdash e_{1,5} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,2}$$

$$4372. \ \neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash e_{1,5} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{1,3}}$$

$$4373. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \lor e_{1,2} \vdash e_{1,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \lor e_{1,2}$$

4374.
$$\neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5}, \neg e_{2,5}} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,2} \vdash e_{1,5} \lor e_{1,2}$$

$$4375. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor e_{2,3} \vdash e_{1,5} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor e_{2,3}$$

$$4376. \ \neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5}, \neg e_{2,5}} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,5} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}}$$

$$4377. \ \, \neg t_{e_{1,5},\,\neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\,\neg e_{2,5}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \vdash e_{1,5} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,$$

$$4378. \ \, \neg t_{e_{1,5},\,\neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{1,5} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}}$$

$$4379. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \vdash e_{1,5} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}$$

$$4380. \ \, \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \vdash e_{1,5} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor \neg t_$$

$$4381. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\lnot e_{1,4},\,\lnot e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor \lnot t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\lnot e_{1,4},\,\lnot e_{2,4}} \lor e_{2,6}$$

$$4382. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,4},\,\neg e_{2,4}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{\neg e_{1,4},\,\neg e_{2,4}} \lor e_{2,6} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

4383.
$$t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,4}, \neg e_{2,4}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,6} \lor t_{\neg e_{1,4}, \neg e_{2,4}}$$

$$4384. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,4},\,\neg e_{2,4}}, t_{\neg e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \vdash t_{\neg e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,4},\,\neg e_{2,4}}, t_{\neg e_{1,4},\,\neg e_{2,4}} \lor e_{1,6} \lor$$

$$4385. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,4},\,\neg e_{2,4}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,6} \vdash t_{\neg e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,4},\,\neg e_{2,4}} \lor e_{2,6}$$

$$4386. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,4},\,\neg e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,4},\,\neg e_{2,4}} \lor e_{2,6}$$

$$4387. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,4},\,\neg e_{2,4}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor e_{2,6} \vdash t_{e_{1,6},\,\neg e_{2,6}} \lor t_{\neg e_{1,4},\,\neg e_{2,4}} \lor e_{2,6}$$

$$4388. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,4},\,\neg e_{2,4}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \vdash t_{\neg e_{1,4},\,\neg e_{2,4}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}}$$

$$4389. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,4},\,\neg e_{2,4}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,6} \vdash e_{1,6} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,4},\,\neg e_{2,4}}$$

4390.
$$t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,4}, \neg e_{2,4}}, \neg t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \lor t_{\neg e_{1,4}, \neg e_{2,4}}$$

$$4391. \ \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,4},\,\neg e_{2,4}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor e_{1,6} \vdash \neg t_{e_{1,6},\,\neg e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,4},\,\neg e_{2,4}}$$

4392.
$$t_{e_{1,6},e_{2,6}} \lor t_{\neg e_{1,4},\neg e_{2,4}}, \neg t_{e_{1,6},e_{2,6}} \lor t_{e_{1,2},e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,2},e_{2,3}} \lor e_{1,6} \lor t_{\neg e_{1,4},\neg e_{2,4}}$$

4393.
$$t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,4}, \neg e_{2,4}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,3} \vdash e_{1,6} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \lor e_{2,3}$$

4394.
$$t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,4},\,\neg e_{2,4}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,2} \lor e_{2,6} \vdash t_{\neg e_{1,4},\,\neg e_{2,4}} \lor e_{1,2} \lor e_{2,6}$$

$$4395. \ t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,4},\,e_{2,4}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \vdash e_{1,5} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,4},\,e_{2,4}}$$

$$4396. \ \ t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,4},\,e_{2,4}}, \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \vdash t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,5} \lor t_{\neg e_{1,4},\,e_{2,4}}$$

4397.
$$t_{e_{1,5},e_{2,5}} \lor t_{\neg e_{1,4},e_{2,4}}, \neg t_{e_{1,5},e_{2,5}} \lor e_{2,5} \lor t_{e_{1,2},\neg e_{1,3}} \vdash e_{2,5} \lor t_{\neg e_{1,4},e_{2,4}} \lor t_{e_{1,2},\neg e_{1,3}}$$

$$4398. \ t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,4},\,e_{2,4}}, e_{1,5} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,5},\,e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,4},\,e_{2,4}}$$

$$4399. \ t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,4},\,e_{2,4}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,5},\,e_{2,5}} \vdash e_{1,5} \lor t_{\neg e_{1,4},\,e_{2,4}} \lor t_{\neg e_{1,5},\,e_{2,5}}$$

$$4400.\ t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor e_{2,5} \lor t_{\neg e_{1,4},\,e_{2,4}}$$

$$4401. \ t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,4},\,e_{2,4}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \vdash e_{1,5} \lor t_{\neg e_{1,4},\,e_{2,4}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}}$$

$$4402. \ t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \vdash t_{e_{1,2},\,e_{1,3}} \lor e_{2,5} \lor t_{\neg e_{1,4},\,e_{2,4}}$$

$$4403. \ t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,4},\,e_{2,4}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash e_{1,5} \lor t_{\neg e_{1,4},\,e_{2,4}} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$4404. \ t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,4},\,e_{2,4}}, t_{e_{1,5},\,\neg e_{2,5}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \vdash t_{e_{1,5},\,\neg e_{2,5}} \lor e_{2,5} \lor t_{\neg e_{1,4},\,e_{2,4}}$$

$$4405. \ t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,4},\,e_{2,4}}, \neg t_{\neg e_{1,5},\,e_{2,5}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \vdash \neg t_{\neg e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor t_{\neg e_{1,4},\,e_{2,4}}$$

$$4406. \ t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,4},\,e_{2,4}}, e_{1,5} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,5},\,e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,4},\,e_{2,4}}$$

$$4407. \ t_{e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,4},\, e_{2,4}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,3} \vdash e_{1,5} \lor t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,3}$$

4408.
$$t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,4}, e_{2,4}}, \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,2} \vdash e_{2,5} \lor t_{\neg e_{1,4}, e_{2,4}} \lor e_{1,2}$$

$$4409. \ t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,4},\,e_{2,4}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \vdash e_{1,5} \lor e_{2,5} \lor t_{\neg e_{1,4},\,e_{2,4}}$$

$$4410. \ t_{e_{1,4}, \neg e_{2,4}} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash e_{1,5} \lor t_{e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$4411. \ \ t_{e_{1,4}, \neg e_{2,4}} \lor t_{e_{1,5}, e_{2,5}}, \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,5}$$

4412.
$$t_{e_{1,4}, \neg e_{2,4}} \lor t_{e_{1,5}, e_{2,5}}, \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,4}, \neg e_{2,4}} \lor e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}}$$

4413.
$$t_{e_{1,4}, \neg e_{2,4}} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,4}, \neg e_{2,4}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$4414. \ t_{e_{1,4}, \neg e_{2,4}} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{1,5}, e_{2,5}}$$

$$4415. \ \ t_{e_{1,4}, \neg e_{2,4}} \lor t_{e_{1,5}, e_{2,5}}, t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \vdash t_{e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,5}$$

$$4416. \ t_{e_{1,4}, \neg e_{2,4}} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,4}, \neg e_{2,4}} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,4}, \neg e_{2,4}} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \lor \neg t_{e_{1,5}, \neg e_{2,$$

4417.
$$t_{e_{1,4}, \neg e_{2,4}} \lor t_{e_{1,5}, e_{2,5}}, t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,4}, \neg e_{2,4}} \lor e_{2,5}$$

$$4418. \ \ t_{e_{1,4},\, \neg e_{2,4}} \lor t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash e_{1,5} \lor t_{e_{1,4},\, \neg e_{2,4}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\,$$

$$4419. \ t_{e_{1,4}, \neg e_{2,4}} \lor t_{e_{1,5}, e_{2,5}}, t_{e_{1,5}, \neg e_{2,5}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,4}, \neg e_{2,4}} \lor e_{2,5}$$

$$4420. \ t_{e_{1,4}, \neg e_{2,4}} \lor t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{2,5}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \vdash t_{e_{1,4}, \neg e_{2,4}} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,5}$$

$$4421. \ t_{e_{1,4}, \neg e_{2,4}} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,4}, \neg e_{2,4}} \lor t_{e_{1,2}, e_{2,3}}$$

4422.
$$t_{e_{1,4}, \neg e_{2,4}} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,3} \vdash e_{1,5} \lor t_{e_{1,4}, \neg e_{2,4}} \lor e_{2,3}$$

4423.
$$t_{e_{1,4}, \neg e_{2,4}} \lor t_{e_{1,5}, e_{2,5}}, \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,2} \vdash t_{e_{1,4}, \neg e_{2,4}} \lor e_{2,5} \lor e_{1,2}$$

4424.
$$t_{e_{1,4}, \neg e_{2,4}} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \vdash e_{1,5} \lor t_{e_{1,4}, \neg e_{2,4}} \lor e_{2,5}$$

4425.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg e_{1,5} \lor e_{1,2} \vdash \neg e_{1,5} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}$$

4426.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg e_{1,5} \vdash \neg e_{1,2} \lor \neg e_{1,5} \lor t_{\neg e_{1,2}, e_{2,3}}$$

4427.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg e_{3,5} \vdash \neg e_{2,3} \lor \neg e_{3,5} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$4428. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,3},\, e_{2,3}} \vdash \neg t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},$$

$$4429. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}}$$

4430.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor e_{1,6} \lor e_{1,2} \vdash e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}$$

$$4431. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \vdash \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg$$

$$4432. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t$$

$$4433. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg$$

$$4434. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1$$

$$4435. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \vdash \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t$$

4436.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg e_{3,6} \lor \neg e_{2,3} \vdash \neg e_{3,6} \lor \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}}$$

4437.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor e_{1,5} \lor e_{1,2} \vdash e_{1,5} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}$$

$$4438. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg$$

4439.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg e_{1,6} \lor e_{1,2} \vdash \neg e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}$$

$$4440. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t$$

$$4441. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}$$

4442.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg e_{3,6} \lor e_{2,3} \vdash \neg e_{3,6} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,3}$$

4443.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor e_{3,5} \lor \neg e_{2,3} \vdash e_{3,5} \lor \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}}$$

4444.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg e_{3,5} \lor e_{2,3} \vdash \neg e_{3,5} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,3}$$

$$4445. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor e_{1,2} \vdash \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}$$

$$4446. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}} \vdash \neg t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},$$

4447.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg e_{1,2} \lor e_{1,5} \lor \neg e_{1,3} \vdash \neg e_{1,2} \lor e_{1,5} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$4448.\ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,2}$$

$$4449. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg$$

$$4450. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg e_{2,3} \lor e_{3,6} \vdash \neg e_{2,3} \lor e_{3,6} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$4451. \ t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}}$$

$$4452. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,2},\, e_{2,3}} \vdash \neg t_{e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},$$

$$4453. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t$$

4454.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor e_{3,6} \lor e_{2,3} \vdash e_{3,6} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,3}$$

$$4455. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{2,3} \vdash \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,3}$$

4456.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor e_{3,5} \lor e_{2,3} \vdash e_{3,5} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,3}$$

4457.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

4458.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg e_{1,6} \vdash \neg e_{1,2} \lor \neg e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$4459. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t$$

4460.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg e_{1,2} \lor \neg e_{1,3} \lor e_{1,6} \vdash \neg e_{1,2} \lor e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$4461. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash \neg t_{e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1$$

$$4462. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}, t_{e_{1,2},\, e_{1,3}} \lor \neg e_{1,3} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$4463. \ t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{1,5} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{1,5} \lor t_{\neg e_{1,2}, \, e_{2,3}}$$

4464.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}, e_{1,5} \lor \neg e_{1,3} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash e_{1,5} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$4465. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg e_{1,6} \lor t_{e_{1,3},\, \neg e_{2,3}} \vdash \neg e_{1,6} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\,$$

$$4466.\ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

4467.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}$$

4468.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg e_{1,2} \lor \neg e_{1,3} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}}$$

4469.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}}$$

$$4470. \ t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor e_{1,2} \vdash t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,2}$$

$$4471. \ t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,3}, \neg e_{1,2} \lor \neg e_{1,3} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}}$$

$$4472. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1$$

$$4473. \ t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg e_{3,5} \vdash t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg e_{3,5} \lor t_{\neg e_{1,2}, \, e_{2,3}}$$

4474.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg e_{3,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg e_{3,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

4475.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor e_{3,5} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash e_{3,5} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

4476.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{3,6} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor e_{3,6} \lor t_{\neg e_{1,2}, e_{2,3}}$$

4477.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{e_{1,2}, e_{1,3}} \lor \neg e_{3,5} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg e_{3,5} \lor t_{\neg e_{1,2}, e_{2,3}}$$

4478.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{e_{1,2}, e_{1,3}} \lor \neg e_{3,6} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg e_{3,6} \lor t_{\neg e_{1,2}, e_{2,3}}$$

4479.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{e_{1,2}, e_{1,3}} \lor e_{3,5} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{3,5} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$4480.\ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{e_{1,2},\, e_{1,3}} \lor e_{3,6} \vdash t_{e_{1,2},\, e_{1,3}} \lor e_{3,6} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$4481. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{3,5} \vdash \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{3,5} \lor \neg e_{3,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{3,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{3,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{3,5} \lor \neg e_{3,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{3,5} \lor \neg e_{$$

$$4482. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{2,3} \vdash \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,3}$$

$$4483. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg e_{3,6} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg e_{3,6} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2$$

4484.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash \neg t_{\neg e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,3}$$

$$4485. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor e_{3,5} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \vdash e_{3,5} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\,$$

$$4486. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor e_{3,6} \vdash \neg t_{\neg e_{1,2},\, e_{2,3}} \lor e_{3,6} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{3,6} \lor e_{3,6}$$

4487.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor e_{2,3} \lor e_{1,2} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,3} \lor e_{1,2}$$

4488.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg e_{1,2} \lor \neg e_{1,3} \lor e_{2,3} \vdash \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,3}$$

$$4489.\ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,3}$$

$$4490. \ t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,2}, \, e_{1,3}} \lor \neg e_{3,5} \vdash t_{\neg e_{1,2}, \, e_{1,3}} \lor \neg e_{3,5} \lor t_{\neg e_{1,2}, \, e_{2,3}}$$

4491.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg e_{3,6} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash \neg e_{3,6} \lor t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$4492. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor e_{3,5} \lor t_{\neg e_{1,2},\, e_{1,3}} \vdash e_{3,5} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$4493.\ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor e_{3,6} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor e_{3,6} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$4494. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg e_{1,5} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg e_{1,5} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2$$

$$4495. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}, e_{1,5} \lor \neg e_{1,3} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \vdash e_{1,5} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$4496.\ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg e_{1,6} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg e_{1,6} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$4497. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor e_{1,6} \vdash \neg t_{e_{1,2},\, \neg e_{1,3}} \lor e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

4498.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}}$$

$$4499. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash \neg t_{e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg$$

$$4500. \ t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,2}, \, \neg e_{1,3}} \lor e_{2,3} \vdash \neg t_{e_{1,2}, \, \neg e_{1,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{2,3}$$

4501.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,2} \vdash \neg t_{e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}$$

$$4502. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg e_{1,2} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \vdash \neg e_{1,2} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$4503. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{e_{1,2},\, e_{2,3}} \lor \neg t_{e_{1,2},\, e_{2,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,4}} \lor \neg t_{e_{1,4},\, e_{2,4}} \lor \neg t_{e_$$

$$4504. \ t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,2}, \, \neg e_{1,3}} \lor \neg t_{e_{1,5}, \, \neg e_{2,5}} \vdash \neg t_{e_{1,2}, \, \neg e_{1,3}} \lor \neg t_{e_{1,5}, \, \neg e_{2,5}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor \neg t_{e_{1,2}, \, e_{2,3}} \lor \neg t_{e_{1$$

$$4505. \ \ t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}}, \neg t_{e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,3}$$

$$4506. \ \ t_{e_{1,3}, \, \neg e_{2,3}} \lor t_{e_{1,2}, \, e_{2,3}}, \, \neg t_{e_{1,2}, \, e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2}, \, \neg e_{1,3}} \vdash t_{e_{1,3}, \, \neg e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2}, \, \neg e_{1,3}}$$

$$4507. \ \ t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}}, \neg t_{e_{1,2},\, e_{2,3}} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,2}$$

$$4508. \ t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}$$

$$4509. \ t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,2}$$

$$4510. \ \ t_{e_{1,3}, \, \neg e_{2,3}} \lor t_{e_{1,2}, \, e_{2,3}}, \neg t_{e_{1,2}, \, e_{2,3}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,3}, \, \neg e_{2,3}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor e_{2,3}$$

4511.
$$t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,3}, e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, e_{2,3}} \lor e_{1,2}$$

$$4512. \ t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, e_{1,3}} \lor e_{2,3} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor e_{2,3}$$

$$4513. \ t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}, t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor e_{2,3}$$

$$4514. \ \ t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}}, \neg t_{e_{1,2},\, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor e_{2,3} \lor e_{1,2}$$

4515.
$$t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor e_{2,3} \lor e_{1,2}$$

$$4516. \ \ t_{e_{1,4},\,e_{2,4}} \lor t_{\neg e_{1,4},\,e_{2,4}}, \neg t_{\neg e_{1,4},\,e_{2,4}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash \neg t_{\neg e_{1,4},\,e_{2,4}} \lor t_{\neg e_{1,4},\,e_{2,4}} \lor e_{2,4}$$

$$4517. \ t_{e_{1,4},\,e_{2,4}} \lor t_{\neg e_{1,4},\,e_{2,4}}, t_{e_{1,4},\,\neg e_{2,4}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,4},\,\neg e_{2,4}} \lor t_{\neg e_{1,4},\,e_{2,4}} \lor e_{2,4}$$

4518.
$$t_{e_{1,4}, e_{2,4}} \lor t_{\neg e_{1,4}, e_{2,4}}, e_{1,4} \lor t_{\neg e_{1,4}, e_{2,4}} \lor \neg t_{e_{1,4}, e_{2,4}} \vdash e_{1,4} \lor t_{\neg e_{1,4}, e_{2,4}}$$

$$4519. \ \ t_{e_{1,4},\,e_{2,4}} \lor t_{\neg e_{1,4},\,e_{2,4}}, e_{1,4} \lor \neg t_{e_{1,4},\,\neg e_{2,4}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash e_{1,4} \lor t_{\neg e_{1,4},\,e_{2,4}} \lor \neg t_{e_{1,4},\,\neg e_{2,4}} \lor$$

4520.
$$t_{e_{1,4}, e_{2,4}} \lor t_{\neg e_{1,4}, e_{2,4}}, e_{1,4} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{2,4} \vdash e_{1,4} \lor t_{\neg e_{1,4}, e_{2,4}} \lor e_{2,4}$$

4521.
$$e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,3} \lor \neg e_{1,5} \lor e_{1,2} \vdash \neg e_{1,5} \lor e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}}$$

4522.
$$e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg e_{1,5} \vdash \neg e_{1,2} \lor \neg e_{1,5} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$4523. \ e_{1,3} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{1,3} \lor \lnot e_{2,3} \lor \lnot e_{3,5} \vdash \lnot e_{2,3} \lor \lnot e_{3,5} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$4524. \ e_{1,3} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{1,3} \lor \lnot t_{\lnot e_{1,3}, e_{2,3}} \lor t_{e_{1,3}, e_{2,3}} \vdash \lnot t_{\lnot e_{1,3}, e_{2,3}} \lor t_{e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$4525. \ e_{1,3} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{1,3} \lor \lnot t_{\lnot e_{1,2}, \lnot e_{1,3}} \lor t_{\lnot e_{1,2}, \lnot e_{1,3}} \vdash \lnot t_{\lnot e_{1,2}, \lnot e_{1,3}} \lor t_{\lnot e_{1,2}, \lnot e_{1,3}} \lor t_{e_{1,2}, \lnot e_{1,3}} \lor t_{$$

4526.
$$e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,3} \lor e_{1,6} \lor e_{1,2} \vdash e_{1,6} \lor e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$4527. \ e_{1,3} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{1,3} \lor \lnot t_{\lnot e_{1,2}, \lnot e_{1,3}} \lor t_{\lnot e_{1,2}, e_{1,3}} \vdash \lnot t_{\lnot e_{1,2}, \lnot e_{1,3}} \lor t_{\lnot e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \lnot e_{1,3}} \lor t_{e_{1$$

$$4528. \ \ e_{1,3} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{1,3} \lor \lnot t_{\lnot e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,3}, \lnot e_{2,3}} \vdash \lnot t_{\lnot e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$4529. \ e_{1,3} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{1,3} \lor \lnot t_{\lnot e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \vdash \lnot t_{\lnot e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1$$

$$4530. \ e_{1,3} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{1,3} \lor \lnot t_{\lnot e_{1,3}, e_{2,3}} \lor t_{\lnot e_{1,3}, e_{2,3}} \vdash \lnot t_{\lnot e_{1,3}, e_{2,3}} \lor t_{\lnot e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}} \lor t_{e_{1,2},$$

$$4531. \ e_{1,3} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{1,3} \lor \lnot t_{\lnot e_{1,3}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,3}, e_{2,3}} \vdash \lnot t_{\lnot e_{1,3}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}} \lor t_{$$

4532.
$$e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,3} \lor \neg e_{3,6} \lor \neg e_{2,3} \vdash \neg e_{3,6} \lor \neg e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$4533. \ e_{1,3} \lor t_{e_{1,2}, \, \neg e_{1,3}}, \neg e_{1,3} \lor e_{1,5} \lor e_{1,2} \vdash e_{1,5} \lor e_{1,2} \lor t_{e_{1,2}, \, \neg e_{1,3}}$$

$$4534. \ e_{1,3} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{1,3} \lor t_{\lnot e_{1,2}, e_{1,3}} \lor \lnot t_{\lnot e_{1,2}, \lnot e_{1,3}} \vdash \lnot t_{\lnot e_{1,2}, \lnot e_{1,3}} \lor t_{\lnot e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \lnot e_{1,3}} \lor t_{e_{1$$

$$4535. \ e_{1,3} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{1,3} \lor \lnot e_{1,6} \lor e_{1,2} \vdash \lnot e_{1,6} \lor e_{1,2} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$4536. \ \ e_{1,3} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{1,3} \lor \lnot t_{\lnot e_{1,2}, \lnot e_{1,3}} \lor t_{\lnot e_{1,2}, \lnot e_{2,3}} \vdash \lnot t_{\lnot e_{1,2}, \lnot e_{1,3}} \lor t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}} \lor t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}} \lor t_{\lnot e_{1,2}, \lnot e$$

$$4537. \ e_{1,3} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{1,3} \lor \lnot t_{\lnot e_{1,3}, e_{2,3}} \lor t_{\lnot e_{1,2}, e_{2,3}} \vdash \lnot t_{\lnot e_{1,3}, e_{2,3}} \lor t_{\lnot e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}} \lor t_{e_{1,2},$$

$$4538. \ e_{1,3} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{1,3} \lor \lnot e_{3,6} \lor e_{2,3} \vdash \lnot e_{3,6} \lor e_{2,3} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

4539.
$$e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,3} \lor e_{3,5} \lor \neg e_{2,3} \vdash e_{3,5} \lor \neg e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

4540.
$$e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,3} \lor \neg e_{3,5} \lor e_{2,3} \vdash \neg e_{3,5} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$4541. \ e_{1,3} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{1,3} \lor \lnot t_{\lnot e_{1,3}, \lnot e_{2,3}} \lor e_{1,2} \vdash \lnot t_{\lnot e_{1,3}, \lnot e_{2,3}} \lor e_{1,2} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$4542. \ e_{1,3} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{1,3} \lor \lnot t_{\lnot e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, e_{2,3}} \vdash \lnot t_{\lnot e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}}, t_{e_{1,2}, \lnot e_{1,3}} \lor t_{e_{1,2}, \lnot e_{1,3}} \lor t_{e_{1,2}, \lnot e_{1,3}} \lor t_{e_{1,2}, \lnot e_{1,3}}, t_{e_{1,2}, \lnot e_{1,3}} \lor t_{e_{1,2}, \lnot e_{1,3}} \lor t_{e_{1,2}, \lnot e_{1,3}}, t_{e_{1,2}, \lnot e_{1,3}} \lor t_{e_{1,2}, \lnot e_{1$$

4543.
$$e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor e_{1,5} \lor \neg e_{1,3} \vdash \neg e_{1,2} \lor e_{1,5} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$4544. \ e_{1,3} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{1,3} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}} \lor t_{e_{1,2}, \lnot e_{1,3}} \vdash \lnot t_{e_{1,2}, \lnot e_{1,3}} \lor t_{e_{1,2},$$

$$4545. \ \ e_{1,3} \lor t_{e_{1,2}, \, \neg e_{1,3}}, \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor t_{e_{1,3}, \, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor t_{e_{1,3}, \, \neg e_{2,3}} \lor t_{e_{1,2}, \, \neg e_{1,3}}$$

$$4546. \ e_{1,3} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{1,3} \lor \lnot e_{2,3} \lor e_{3,6} \vdash \lnot e_{2,3} \lor e_{3,6} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$4547. \ e_{1,3} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{1,3} \lor \lnot t_{\lnot e_{1,2}, \lnot e_{1,3}} \lor t_{\lnot e_{1,2}, \lnot e_{1,3}} \vdash \lnot t_{\lnot e_{1,2}, \lnot e_{1,3}} \lor t_{\lnot e_{1,2}, \lnot e_{1,3}} \lor t_{e_{1,2}, \lnot e_{1,3}} \lor t_{$$

$$4548. \ e_{1,3} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{1,3} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, e_{2,3}} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}} \lor t_{e_{1,2}, \lnot e$$

$$4549. \ \ e_{1,3} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{1,3} \lor \lnot t_{\lnot e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, \lnot e_{2,3}} \vdash \lnot t_{\lnot e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot t_{e_{1,2}, \lnot e_{1,3}} \lor t_{e_{1,2}, \lnot e_{1,3}} \lor$$

4550.
$$e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,3} \lor e_{3,6} \lor e_{2,3} \vdash e_{3,6} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$4551. \ e_{1,3} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{1,3} \lor \lnot t_{\lnot e_{1,2}, \lnot e_{1,3}} \lor e_{2,3} \vdash \lnot t_{\lnot e_{1,2}, \lnot e_{1,3}} \lor e_{2,3} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

4552.
$$e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,3} \lor e_{3,5} \lor e_{2,3} \vdash e_{3,5} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$4553. \ e_{1,3} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{1,3} \lor t_{e_{1,2}, e_{1,3}} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}} \lor t_{e_{1,2}, \lnot e$$

4554.
$$e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg e_{1,6} \vdash \neg e_{1,2} \lor \neg e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$4555. \ e_{1,3} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{1,3} \lor \lnot t_{\lnot e_{1,2}, \lnot e_{1,3}} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}} \vdash \lnot t_{\lnot e_{1,2}, \lnot e_{1,3}} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}} \lor t_{$$

$$4556. \ \ e_{1,3} \lor t_{e_{1,2}, \, \lnot e_{1,3}}, \lnot e_{1,2} \lor \lnot e_{1,3} \lor e_{1,6} \vdash \lnot e_{1,2} \lor e_{1,6} \lor t_{e_{1,2}, \, \lnot e_{1,3}}$$

$$4557. \ e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,2}, \neg e_{2,3}} \lor t_{e_{2,2},$$

$$4558. \ e_{1,3} \lor t_{e_{1,2}, \lnot e_{1,3}}, t_{e_{1,2}, e_{1,3}} \lor \lnot e_{1,3} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}} \lor t_{e_{1,2}, \lnot e$$

$$4559. \ e_{1,3} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{1,3} \lor t_{e_{1,3}, \lnot e_{2,3}} \lor \lnot e_{1,5} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor \lnot e_{1,5} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$4560. \ e_{1,3} \lor t_{e_{1,2}, \, \neg e_{1,3}}, e_{1,5} \lor \neg e_{1,3} \lor t_{e_{1,3}, \, \neg e_{2,3}} \vdash e_{1,5} \lor t_{e_{1,3}, \, \neg e_{2,3}} \lor t_{e_{1,2}, \, \neg e_{1,3}}$$

$$4561. \ e_{1,3} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{1,3} \lor \lnot e_{1,6} \lor t_{e_{1,3}, \lnot e_{2,3}} \vdash \lnot e_{1,6} \lor t_{e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

4562.
$$e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,3} \lor t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$4563. \ e_{1,3} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{1,3} \lor t_{\lnot e_{1,2}, e_{2,3}} \lor e_{1,2} \vdash t_{\lnot e_{1,2}, e_{2,3}} \lor e_{1,2} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$4564. \ \ e_{1,3} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{1,2} \lor \lnot e_{1,3} \lor t_{\lnot e_{1,2}, e_{2,3}} \vdash \lnot e_{1,2} \lor t_{\lnot e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$4565. \ e_{1,3} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{1,3} \lor t_{e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e_{2,3}} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$4566. \ \ e_{1,3} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{1,3} \lor t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor e_{1,2} \vdash t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor e_{1,2} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$4567. \ e_{1,3} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{1,2} \lor \lnot e_{1,3} \lor t_{\lnot e_{1,2}, \lnot e_{2,3}} \vdash \lnot e_{1,2} \lor t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$4568. \ e_{1,3} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{1,3} \lor t_{e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, \lnot e_{2,3}} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$4569. \ e_{1,3} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{1,3} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{3,5} \vdash t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{3,5} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$4570. \ e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,3} \lor \neg e_{3,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg e_{3,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

4571.
$$e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,3} \lor e_{3,5} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash e_{3,5} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$4572. \ e_{1,3} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{1,3} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor e_{3,6} \vdash t_{e_{1,2}, \lnot e_{2,3}} \lor e_{3,6} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$4573. \ e_{1,3} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{1,3} \lor t_{e_{1,2}, e_{1,3}} \lor \lnot e_{3,5} \vdash t_{e_{1,2}, e_{1,3}} \lor \lnot e_{3,5} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$4574. \ e_{1,3} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{1,3} \lor t_{e_{1,2}, e_{1,3}} \lor \lnot e_{3,6} \vdash t_{e_{1,2}, e_{1,3}} \lor \lnot e_{3,6} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$4575. \ e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,3} \lor t_{e_{1,2}, e_{1,3}} \lor e_{3,5} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{3,5} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$4576. \ e_{1,3} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{1,3} \lor t_{e_{1,2}, e_{1,3}} \lor e_{3,6} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{3,6} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$4577. \ e_{1,3} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{1,3} \lor \lnot t_{\lnot e_{1,2}, e_{2,3}} \lor \lnot e_{3,5} \vdash \lnot t_{\lnot e_{1,2}, e_{2,3}} \lor \lnot e_{3,5} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$4578. \ \ e_{1,3} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{1,3} \lor \lnot t_{\lnot e_{1,2}, \lnot e_{1,3}} \lor e_{2,3} \vdash \lnot t_{\lnot e_{1,2}, \lnot e_{1,3}} \lor e_{2,3} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$4579. \ \ e_{1,3} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{1,3} \lor \lnot e_{3,6} \lor \lnot t_{\lnot e_{1,2}, e_{2,3}} \vdash \lnot e_{3,6} \lor \lnot t_{\lnot e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$4581. \ e_{1,3} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{1,3} \lor e_{3,5} \lor \lnot t_{\lnot e_{1,2}, e_{2,3}} \vdash e_{3,5} \lor \lnot t_{\lnot e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$4582. \ e_{1,3} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{1,3} \lor \lnot t_{\lnot e_{1,2}, e_{2,3}} \lor e_{3,6} \vdash \lnot t_{\lnot e_{1,2}, e_{2,3}} \lor e_{3,6} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

4583.
$$e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,3} \lor e_{2,3} \lor e_{1,2} \vdash e_{2,3} \lor e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$4584. \ \ e_{1,3} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{1,2} \lor \lnot e_{1,3} \lor e_{2,3} \vdash \lnot e_{1,2} \lor e_{2,3} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$4585. \ e_{1,3} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{1,3} \lor t_{e_{1,3}, \lnot e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$4586. \ e_{1,3} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{1,3} \lor t_{\lnot e_{1,2}, e_{1,3}} \lor \lnot e_{3,5} \vdash t_{\lnot e_{1,2}, e_{1,3}} \lor \lnot e_{3,5} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

4587.
$$e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,3} \lor \neg e_{3,6} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash \neg e_{3,6} \lor t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$4588. \ e_{1,3} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{1,3} \lor e_{3,5} \lor t_{\lnot e_{1,2}, e_{1,3}} \vdash e_{3,5} \lor t_{\lnot e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$4589. \ \ e_{1,3} \lor t_{e_{1,2}, \, \lnot e_{1,3}}, \, \lnot e_{1,3} \lor t_{\lnot e_{1,2}, \, e_{1,3}} \lor e_{3,6} \vdash t_{\lnot e_{1,2}, \, e_{1,3}} \lor e_{3,6} \lor t_{e_{1,2}, \, \lnot e_{1,3}}$$

$$4590. \ e_{1,3} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{1,3} \lor \lnot e_{1,5} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}} \vdash \lnot e_{1,5} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}} \lor t_{e_{1,2},$$

$$4591. \ e_{1,3} \lor t_{e_{1,2}, \lnot e_{1,3}}, e_{1,5} \lor \lnot e_{1,3} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}} \vdash e_{1,5} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$4592. \ e_{1,3} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{1,3} \lor \lnot e_{1,6} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}} \vdash \lnot e_{1,6} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}} \lor t_{e_{1,2},$$

$$4593. \ e_{1,3} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{1,3} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}} \lor e_{1,6} \vdash \lnot t_{e_{1,2}, \lnot e_{1,3}} \lor e_{1,6} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$4594. \ e_{1,3} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{1,3} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}} \lor t_{\lnot e_{1,2}, e_{2,3}} \vdash \lnot t_{e_{1,2}, \lnot e_{1,3}} \lor t_{\lnot e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}} \lor t_{e_{1,2},$$

$$4595. \ e_{1,3} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{1,3} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}} \lor t_{\lnot e_{1,2}, \lnot e_{2,3}} \vdash \lnot t_{e_{1,2}, \lnot e_{1,3}} \lor t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}} \lor t_{e_{1$$

$$4596. \ \ e_{1,3} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{1,3} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}} \lor e_{2,3} \vdash \lnot t_{e_{1,2}, \lnot e_{1,3}} \lor e_{2,3} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$4597. \ e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,3} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,2} \vdash \neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$4598. \ e_{1,3} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{1,3} \lor \lnot e_{1,2} \lor \lnot t_{e_{1,5}, \lnot e_{2,5}} \vdash \lnot e_{1,2} \lor \lnot t_{e_{1,5}, \lnot e_{2,5}} \lor t_{e_{1,2}, \lnot e_{1,3}} \lor t_{e_{1,2},$$

$$4599. \ e_{1,3} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{1,3} \lor t_{e_{1,3}, \lnot e_{2,3}} \lor \lnot t_{e_{1,5}, \lnot e_{2,5}} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor \lnot t_{e_{1,5}, \lnot e_{2,5}} \lor t_{e_{1,2}, \lnot e_{1,3}} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}}, \lnot t_{e_{1,2}, \lnot e_{1,3}} \lor t_{e_{1,$$

$$4600. \ e_{1,3} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{1,3} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}} \lor \lnot t_{e_{1,5}, \lnot e_{2,5}} \vdash \lnot t_{e_{1,2}, \lnot e_{1,3}} \lor \lnot t_{e_{1,5}, \lnot e_{2,5}} \lor t_{e_{1,2}, \lnot e_{1,3}} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}} \lor t_{e$$

$$4601. \ t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,4},\,\neg e_{2,4}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \vdash e_{1,5} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,4},\,\neg e_{2,4}}$$

$$4602. \ t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,4},\,\neg e_{2,4}}, \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \vdash t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,5} \lor t_{\neg e_{1,4},\,\neg e_{2,4}}$$

$$4603. \ t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,4},\,\neg e_{2,4}}, \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,5} \lor t_{\neg e_{1,4},\,\neg e_{2,4}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$4604. \ \ t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,4},\,\neg e_{2,4}}, e_{1,5} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,5},\,e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,4},\,\neg e_{2,4}}$$

$$4605. \ t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,4},\,\neg e_{2,4}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,5},\,e_{2,5}} \vdash e_{1,5} \lor t_{\neg e_{1,4},\,\neg e_{2,4}} \lor t_{\neg e_{1,5},\,e_{2,5}}$$

$$4606. \ t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,4},\,\neg e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor e_{2,5} \lor t_{\neg e_{1,4},\,\neg e_{2,4}}, t_{\neg e_{1,4},\,\neg e_{2$$

$$4607. \ t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,4}, \neg e_{2,4}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \vdash e_{1,5} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \lor \neg t_{e_{1,5}, \neg e_{2,5}}$$

$$4608. \ t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,4},\,\neg e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \vdash t_{e_{1,2},\,e_{1,3}} \lor e_{2,5} \lor t_{\neg e_{1,4},\,\neg e_{2,4}}, t_{e_{1,4},\,\neg e_{2,4}} \lor e_{2,5} \lor e_{2,$$

4609.
$$t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,4}, \neg e_{2,4}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash e_{1,5} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$4610.\ t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,4},\,\neg e_{2,4}}, t_{e_{1,5},\,\neg e_{2,5}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \vdash t_{e_{1,5},\,\neg e_{2,5}} \lor e_{2,5} \lor t_{\neg e_{1,4},\,\neg e_{2,4}}$$

4611.
$$t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,4}, \neg e_{2,4}}, \neg t_{\neg e_{1,5}, e_{2,5}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \vdash \neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,5} \lor t_{\neg e_{1,4}, \neg e_{2,4}}$$

$$4612. \ t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,4},\,\neg e_{2,4}}, e_{1,5} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,5},\,e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,4},\,\neg e_{2,4}}$$

4613.
$$t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,4}, \neg e_{2,4}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,3} \vdash e_{1,5} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \lor e_{2,3}$$

4614.
$$t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,4}, \neg e_{2,4}}, \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,2} \vdash e_{2,5} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \lor e_{1,2}$$

$$4615. \ \ t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,4},\,\neg e_{2,4}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \vdash e_{1,5} \lor e_{2,5} \lor t_{\neg e_{1,4},\,\neg e_{2,4}}, e_{1,5} \lor e_{2,5} \lor e_{2$$

$$4616.\ t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,3}, e_{2,3}}, t_{\neg e_{1,3}, e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{1,3}$$

$$4617. \ t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,3}, e_{2,3}}, t_{e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{1,3}$$

$$4618.\ t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3} \vdash t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}$$

$$4619. \ t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,3}, e_{2,3}}, \neg t_{\neg e_{1,3}, e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash \neg t_{\neg e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

$$4620.\ t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,3}, e_{2,3}}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

$$4621. \ t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash \neg t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{1,3}$$

$$4622. \ t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,3}, e_{2,3}}, t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

$$4623. \ t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,3}, e_{2,3}}, t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

$$4624. \ t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{2,3} \vdash t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{1,3} \lor e_{2,3}$$

4625.
$$e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, e_{5,6} \lor \neg e_{1,6} \lor e_{2,6} \vdash e_{5,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{2,6}$$

$$4626. \ e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

$$4627. \ e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{$$

$$4628. \ e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

$$4629. \ e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg$$

$$4630. \ e_{1,6} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}}, t_{e_{1,2}, \, e_{1,3}} \lor \neg e_{1,6} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \vdash t_{e_{1,2}, \, e_{1,3}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}}$$

$$4631. \ e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

$$4632. \ e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor t_{e_{1,5}, \neg e_{2,5}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

4633.
$$e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor \neg e_{5,6} \lor \neg e_{2,6} \vdash \neg e_{5,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,6}$$

$$4634. \ e_{1,6} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}}, t_{e_{1,2}, \, e_{1,3}} \lor \neg e_{1,6} \lor \neg t_{e_{1,5}, \, \neg e_{1,6}} \vdash t_{e_{1,2}, \, e_{1,3}} \lor \neg t_{e_{1,5}, \, \neg e_{1,6}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}}$$

4635.
$$e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,3} \lor \neg e_{1,6} \lor e_{1,2} \vdash \neg e_{1,3} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$4636. \ e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor \neg e_{4,6} \lor \neg e_{2,6} \vdash \neg e_{4,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,6}$$

$$4637. \ e_{1,6} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}}, \neg e_{1,6} \lor t_{e_{1,5}, \, e_{2,5}} \lor \neg t_{e_{1,5}, \, \neg e_{1,6}} \vdash t_{e_{1,5}, \, e_{2,5}} \lor \neg t_{e_{1,5}, \, \neg e_{1,6}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}}$$

$$4638. \ e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor t_{\neg e_{1,5},$$

$$4639. \ e_{1,6} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}}, \neg e_{1,6} \lor t_{\neg e_{1,2}, \, e_{1,3}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \vdash t_{\neg e_{1,2}, \, e_{1,3}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \vdash t_{\neg e_{1,2}, \, e_{1,3}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \vdash t_{\neg e_{1,5}, \, \neg e_{1,6}} \vdash t_{\neg e_{1,5}, \, \neg e_{1,6}} \lor t_{\neg e_{1,5},$$

$$4640. \ e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, e_{5,6} \lor \neg e_{1,6} \lor \neg e_{2,6} \vdash e_{5,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,6}$$

$$4641. \ e_{1,6} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}}, \neg e_{1,6} \lor t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \vdash t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \vdash t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor t_{\neg e_{1,5}, \, \neg e_{1,6}} \vdash t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor t_{\neg e_{1,$$

$$4642. \ e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, t_{e_{1,5}, \neg e_{2,5}} \lor \neg e_{1,6} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$4643. \ e_{1,6} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}}, \neg e_{1,6} \lor t_{\neg e_{1,2}, \, e_{1,3}} \lor \neg t_{e_{1,5}, \, \neg e_{1,6}} \vdash t_{\neg e_{1,2}, \, e_{1,3}} \lor \neg t_{e_{1,5}, \, \neg e_{1,6}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}}$$

$$4644. \ e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg$$

$$4645. \ \ e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$4646. \ e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$4647. \ e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,6} \lor e_{1,3} \vdash \neg e_{1,2} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

$$4648. \ e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$4649. \ e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor \neg e_{5,6} \lor e_{2,6} \vdash \neg e_{5,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{2,6}$$

$$4650. \ e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg t_{e_{1,5}, \neg e_{1,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor t_{\neg e_{1,5},$$

4651.
$$e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor e_{1,3} \lor e_{1,2} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

4652.
$$e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor e_{4,6} \lor \neg e_{2,6} \vdash e_{4,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,6}$$

$$4653. \ e_{1,6} \lor t_{\lnot e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,6} \lor e_{4,6} \lor e_{2,6} \vdash e_{4,6} \lor t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor e_{2,6}$$

$$4654. \ \ e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3}, \neg e_{1,6}} \lor t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{\neg e_{1,3}, \neg e_{1,6}} \lor t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{\neg e_{1,3}, \neg e_{1,6}} \lor t_{\neg e_{1,4}, \neg e_{1,4}} \lor \neg t_{$$

$$4655. \ e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor t_{\neg e_{1,5}, e_{2,5}}$$

$$4656. \ e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor t_{e_{1,2}, e_{1,3}} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}}$$

$$4657. \ e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor \neg e_{4,6} \lor e_{2,6} \vdash \neg e_{4,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{2,6}$$

$$4658. \ e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6},$$

$$4659. \ e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,5}, \neg e_{1,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

4660.
$$e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg e_{1,6} \vdash \neg e_{1,2} \lor \neg e_{1,3} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$4661. \ e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$4662. \ e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_$$

$$4663. \ e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \lor t_{$$

$$4664. \ e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

$$4665. \ e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,5}, \neg e_{1,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$4666. \ \ e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}}$$

$$4667. \ e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

$$4668. \ e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,3} \lor \neg e_{1,6} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$4669. \ e_{1,6} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}}, \neg e_{1,6} \lor \neg e_{5,6} \lor t_{e_{1,6}, \, \neg e_{2,6}} \vdash \neg e_{5,6} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}}$$

$$4670. \ e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{4,6} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{4,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$4671. \ e_{1,6} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}}, e_{5,6} \lor \neg e_{1,6} \lor t_{e_{1,6}, \, \neg e_{2,6}} \vdash e_{5,6} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}}$$

$$4672. \ e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$4673. \ e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor \neg e_{5,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg e_{5,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$4674. \ e_{1,6} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}}, \neg e_{1,6} \lor \neg e_{4,6} \lor t_{e_{1,2}, \, \neg e_{1,3}} \vdash \neg e_{4,6} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor t_{e_{1,2}, \, \neg e_{1,3}}$$

$$4675. \ e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, e_{5,6} \lor \neg e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{5,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$4676. \ \ e_{1,6} \lor t_{\lnot e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,6} \lor e_{4,6} \lor t_{e_{1,2}, \lnot e_{1,3}} \vdash e_{4,6} \lor t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$4677. \ e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$4678. \ e_{1,6} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,6} \lor t_{e_{1,2}, \, e_{2,3}} \vdash \neg e_{1,2} \lor t_{e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}}$$

$$4679. \ e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_$$

$$4680. \ e_{1,6} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}}, \neg e_{1,6} \lor \neg e_{5,6} \lor t_{\neg e_{1,2}, \, e_{1,3}} \vdash \neg e_{5,6} \lor t_{\neg e_{1,2}, \, e_{1,3}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}}$$

$$4681. \ e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor t_{\neg e_{1,2}, e_{1,3}} \lor \neg e_{4,6} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor \neg e_{4,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$4682. \ e_{1,6} \lor t_{\neg e_{1,2},\, \neg e_{2,3}}, e_{5,6} \lor \neg e_{1,6} \lor t_{\neg e_{1,2},\, e_{1,3}} \vdash e_{5,6} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}}$$

4683.
$$e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor e_{4,6} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash e_{4,6} \lor t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$4684. \ \ e_{1,6} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}}, \neg e_{1,6} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor e_{1,2} \vdash t_{\neg e_{1,3}, \, e_{2,3}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor e_{1,2}$$

$$4685. \ e_{1,6} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,6} \lor t_{\neg e_{1,3}, \, e_{2,3}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}}$$

$$4686. \ e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$4687. \ e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor e_{2,3} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}} \vdash t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor e_{2,3} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}$$

$$4688. \ e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor e_{2,3} \vdash \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{2,3}$$

$$4689. \ e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{1,3} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

$$4690. \ \ e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{1,2} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{1,2}$$

$$4691. \ e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,3} \lor \neg e_{1,6} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

4692.
$$e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{1,2} \vdash \neg t_{e_{1,5}, \neg e_{1,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

4693.
$$e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor \neg e_{5,6} \lor e_{1,2} \vdash \neg e_{5,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$4694. \ e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor \neg e_{4,6} \lor e_{1,2} \vdash \neg e_{4,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

4695.
$$e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, e_{5,6} \lor \neg e_{1,6} \lor e_{1,2} \vdash e_{5,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$4696. \ e_{1,6} \lor t_{\lnot e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,6} \lor e_{4,6} \lor e_{1,2} \vdash e_{4,6} \lor t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor e_{1,2}$$

$$4697. \ e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$4698. \ e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor t_{\neg e_{1,3}, e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg$$

$$4699. \ e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, e_{1,5} \lor \neg e_{1,6} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$4700. \ e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, e_{1,5} \lor \neg e_{1,6} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$4701. \ \ e_{1,6} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}}, \neg e_{1,6} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,2} \vdash t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,2}$$

$$4702. \ e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$4703. \ e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2$$

$$4704. \ \ e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg$$

$$4705. \ \ e_{1,6} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}}, \neg e_{1,6} \lor e_{1,2} \lor t_{e_{1,2}, \, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor e_{1,2} \lor t_{e_{1,2}, \, \neg e_{1,3}}$$

$$4706. \ e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$4707. \ e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$4708. \ \ e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_$$

$$4709. \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{2,5}}, \neg t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{1,2} \lor t_{\neg e_{1,5},\,e_{2,5}}$$

$$4710. \ \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{2,5}}, \neg t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor t_{\neg e_{1,5},\,e_{2,5}}$$

$$4711. \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{2,5}}, t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,e_{1,3}} \lor e_{1,2} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,2} \lor t_{\neg e_{1,5},\,e_{2,5}}$$

$$4712. \ \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{2,5}}, \neg t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,2},\,e_{2,3}} \lor e_{1,3} \lor t_{\neg e_{1,5},\,e_{2,5}}$$

$$4713. \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{2,5}}, \neg t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,3} \vdash \neg t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,3} \lor t_{\neg e_{1,5},\,e_{2,5}}$$

$$4714. \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{2,5}}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,2},\,e_{1,3}} \lor e_{1,2} \vdash t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,2} \lor t_{\neg e_{1,5},\,e_{2,5}}$$

$$4715. \ \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{2,5}}, \neg t_{e_{1,2},\,e_{1,3}} \lor e_{1,3} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{1,3} \lor t_{\neg e_{1,5},\,e_{2,5}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$4716. \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{2,5}}, \neg t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,3},\,e_{2,3}} \lor e_{1,2} \lor t_{\neg e_{1,5},\,e_{2,5}}$$

4717.
$$t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,5}, e_{2,5}}, \neg t_{e_{1,2}, e_{1,3}} \lor e_{1,3} \lor e_{1,2} \vdash e_{1,3} \lor e_{1,2} \lor t_{\neg e_{1,5}, e_{2,5}}$$

$$4718. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,6},\,\neg e_{2,6}}, t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,6},\,\neg e_{2,6}} \lor e_{2,6}$$

$$4719. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,6},\,\neg e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{\neg e_{1,6},\,\neg e_{2,6}} \lor e_{2,6} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$4720. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,6},\,\neg e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,6} \lor t_{\neg e_{1,6},\,\neg e_{2,6}}$$

$$4721. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\lnot e_{1,6},\,\lnot e_{2,6}}, t_{\lnot e_{1,6},\,e_{2,6}} \lor \lnot t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \vdash t_{\lnot e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor t_{\lnot e_{1,6},\,\lnot e_{2,6}} \lor t_{\lnot e_{1,6},\,\lnot e_{2,6}} \lor e_{1,6} \lor e_{1,6}$$

$$4722. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,6},\,\neg e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,6} \vdash e_{2,6} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,6},\,\neg e_{2,6}}$$

$$4723. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,6},\,\neg e_{2,6}}, t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,6},\,\neg e_{2,6}} \lor e_{2,6}$$

$$4724. \ \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,6},\,\neg e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor e_{2,6} \vdash t_{e_{1,6},\,\neg e_{2,6}} \lor t_{\neg e_{1,6},\,\neg e_{2,6}} \lor e_{2,6}$$

$$4725. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,6},\,\neg e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \vdash t_{\neg e_{1,6},\,\neg e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \lor e_{2,6} \lor$$

$$4726. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,6},\,\neg e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,6} \vdash e_{1,6} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,6},\,\neg e_{2,6}} \lor t_{\neg e_{1,6},\,\neg e_{2,6}}$$

$$4727. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,6},\,\neg e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,6} \lor t_{\neg e_{1,6},\,\neg e_{2,6}}$$

$$4728. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,6},\,\neg e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor e_{1,6} \vdash \neg t_{e_{1,6},\,\neg e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,6},\,\neg e_{2,6}} \lor e_{1,6} \lor e_{1,6}, \neg e_{2,6} \lor e_{1,6}, \neg e_{2,6} \lor e_{1,6}, \neg e_{2,6} \lor e_{1,6}, \neg e_{2,6} \lor e_{1,6}, \neg e_{2,6}, \neg e_{2,6} \lor e_{1,6}, \neg e_{2,6}, \neg e_{$$

$$4729. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,6},\,\neg e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,2},\,e_{2,3}} \lor e_{1,6} \lor t_{\neg e_{1,6},\,\neg e_{2,6}}$$

4730.
$$t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,3} \vdash e_{1,6} \lor e_{2,3} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$4731. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,6},\,\neg e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,2} \lor e_{2,6} \vdash t_{\neg e_{1,6},\,\neg e_{2,6}} \lor e_{1,2} \lor e_{2,6}$$

$$4732. \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}}, \neg t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,2}$$

$$4733. \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}}, \neg t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$4734. \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}}, t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,e_{1,3}} \lor e_{1,2} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,2}$$

$$4735. \ \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}}, \neg t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$4736. \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}}, \neg t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,3} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,3}$$

$$4737. \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,2},\,e_{1,3}} \lor e_{1,2} \vdash t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,2}$$

$$4738. \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}}, \neg t_{e_{1,2},\,e_{1,3}} \lor e_{1,3} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$4739. \ \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}}, \neg t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,2}$$

$$4740. \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}}, \neg t_{e_{1,2},\,e_{1,3}} \lor e_{1,3} \lor e_{1,2} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$4741. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,5}, \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,e_{2,$$

$$4742. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,5}, t_{\neg e_{1,6},\,e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor \neg$$

$$4743. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,5}, \neg e_{2,5} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}}$$

$$4744. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,5}, t_{\neg e_{1,5},\,\neg e_{2,5}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{2,5}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{2,5}} \lor \neg t_{\neg e_{1,5},\,\neg e_{2,5}} \lor \neg$$

4745.
$$t_{e_{1,2}, e_{1,3}} \lor e_{2,5}, e_{1,5} \lor \neg e_{5,6} \lor \neg e_{2,5} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{1,5} \lor \neg e_{5,6}$$

$$4746. \ \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,5}, \neg t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,5} \lor e_{1,2}$$

$$4747. \ \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,5}, \neg e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{\neg e_{1,3},\,\neg e_{2,5}} \lor t_{e_{1,2},\,\neg e_{2,5}} \lor t_{e_{1,2},\,$$

$$4748. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,5}, t_{e_{1,5},\,\neg e_{2,5}} \lor \neg e_{2,5} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,\neg e_{2,5}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \lor \neg$$

$$4749. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,5}, t_{\neg e_{1,2},\,e_{1,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{2,5}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,5},\,\neg e_{2,5}} \lor \neg t_{$$

$$4750. \ \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,5}, \neg e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{2,5}} \lor t_{\neg e_{1,5},\,e_{2,5}} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,5},\,\neg e_{2,5}} \lor t_{\neg e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1$$

4751.
$$t_{e_{1,2}, e_{1,3}} \lor e_{2,5}, \neg t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,5} \lor e_{1,3}$$

$$4752. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,5}, \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,5} \lor t_{\neg e_{1,6},\,\neg e_{2,6}} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,6},\,\neg e_{2,$$

$$4753. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,5}, t_{e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor \neg$$

$$4754. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,5}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}}$$

$$4755. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,5}, t_{e_{1,2},\,e_{1,3}} \lor \neg e_{2,5} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \vdash \neg t_{e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,2},\,e_{1,3}}$$

$$4756. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,5}, \neg t_{\neg e_{1,5},\,\neg e_{2,5}} \lor \neg e_{2,5} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \lor \neg t_{\neg e_{1,5},\,\neg e_{2,5}} \lor \neg$$

$$4757. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,5}, t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg e_{2,5} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}}$$

$$4758. \ \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,5}, \neg e_{1,5} \lor \neg e_{2,5} \lor \neg e_{4,5} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg e_{1,5} \lor \neg e_{4,5}$$

$$4759. \ \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,5}, \neg e_{2,5} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{2,5}} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{2,5}} \lor t_{e_{2,2},\,\neg e_{2,5}} \lor t_{e_{2,2$$

$$4760. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,5}, \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,5} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,5} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,5} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,5} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,5} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg e_{2,5} \vdash t_{e_{1,2},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,5} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg e_{2,5} \lor e_{2,5} \lor$$

4761.
$$t_{e_{1,2},e_{1,3}} \lor e_{2,5}, e_{5,6} \lor \neg e_{1,5} \lor \neg e_{2,5} \vdash e_{5,6} \lor t_{e_{1,2},e_{1,3}} \lor \neg e_{1,5}$$

$$4762. \ \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,5}, t_{\neg e_{1,2},\,e_{1,3}} \lor \neg e_{2,5} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \lor$$

4763.
$$t_{e_{1,2},\,e_{1,3}} \lor e_{2,5}, e_{1,5} \lor \neg e_{2,5} \lor \neg e_{4,5} \vdash t_{e_{1,2},\,e_{1,3}} \lor e_{1,5} \lor \neg e_{4,5}$$

$$4764. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,5}, \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,5} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,5} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,5} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,5} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,5} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg e_{2,5} \lor e_{2,5}$$

4765.
$$t_{e_{1,2}, e_{1,3}} \lor e_{2,5}, \neg e_{2,5} \lor e_{2,3} \lor e_{1,2} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$4766.\ \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,5}, t_{e_{1,6},\,\neg e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,5} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_$$

$$4767. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,5}, \neg e_{2,5} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor t_{\neg e_{$$

$$4768. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,5}, \neg e_{5,6} \lor \neg e_{1,5} \lor \neg e_{2,5} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg e_{5,6} \lor \neg e_{1,5}$$

$$4769. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,5}, t_{e_{1,2},\,e_{1,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{2,5}} \vdash \neg t_{\neg e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,2},\,e_{1,3}}$$

$$4770. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,5}, t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{2,5}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{\neg e_{1,5},\,\neg e_{2,5}} \lor \neg$$

4771.
$$t_{e_{1,2},e_{1,3}} \lor e_{2,5}, e_{1,5} \lor e_{4,5} \lor \neg e_{2,5} \vdash t_{e_{1,2},e_{1,3}} \lor e_{1,5} \lor e_{4,5}$$

4772.
$$t_{e_{1,2}, e_{1,3}} \lor e_{2,5}, t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, e_{1,3}} \lor e_{1,2} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,5} \lor e_{1,2}$$

4773.
$$t_{e_{1,2},e_{1,3}} \lor e_{2,5}, \neg e_{1,2} \lor \neg e_{2,5} \lor e_{2,3} \vdash \neg e_{1,2} \lor t_{e_{1,2},e_{1,3}} \lor e_{2,3}$$

$$4774. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,5}, \neg t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,2},\,e_{2,3}} \lor e_{2,5} \lor e_{1,3}$$

$$4775. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,5}, t_{e_{1,2},\,e_{2,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}}$$

$$4776. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,5}, \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg e_{2,5} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}}$$

$$4777. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,5}, \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6}$$

$$4778. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,5}, \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,5} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$4779. \ \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,5}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg e_{2,5} \vdash \neg e_{1,2} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg e_{2,3}$$

4780.
$$t_{e_{1,2},\,e_{1,3}} \lor e_{2,5}, e_{5,6} \lor e_{1,5} \lor \neg e_{2,5} \vdash e_{5,6} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{1,5}$$

4781.
$$t_{e_{1,2},e_{1,3}} \lor e_{2,5}, \neg e_{1,5} \lor e_{4,5} \lor \neg e_{2,5} \vdash t_{e_{1,2},e_{1,3}} \lor e_{4,5} \lor \neg e_{1,5}$$

$$4782. \ \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,5}, \neg t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,3} \vdash e_{2,5} \lor \neg t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,3}$$

$$4783. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,5}, t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,5} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{2,5}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}}$$

4784.
$$t_{e_{1,2}, e_{1,3}} \lor e_{2,5}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, e_{1,3}} \lor e_{1,2} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor e_{2,5} \lor e_{1,2}$$

$$4785. \ \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,5}, \neg t_{e_{1,2},\,e_{1,3}} \lor e_{1,3} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{2,5} \lor e_{1,3} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$4786. \ \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,5}, \neg t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,3},\,e_{2,3}} \lor e_{2,5} \lor e_{1,2}$$

$$4787. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,5}, \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,6},\,\neg e_{2,6}} \lor \neg e_{2,5} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,6},\,\neg e_{2,$$

4788.
$$t_{e_{1,2}, e_{1,3}} \lor e_{2,5}, \neg e_{2,3} \lor \neg e_{2,5} \lor e_{1,2} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg e_{2,3} \lor e_{1,2}$$

$$4789. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,5}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg e_{2,5} \lor e_{2,3} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor e_{2,3}$$

$$4790. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,5}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg e_{2,3} \lor \neg e_{2,5} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor \neg e_{2,3}$$

4791.
$$t_{e_{1,2}, e_{1,3}} \lor e_{2,5}, \neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{4,5} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{4,5}$$

$$4792. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,5}, e_{5,6} \lor \neg e_{2,5} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash e_{5,6} \lor t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

4793.
$$t_{e_{1,2},e_{1,3}} \lor e_{2,5}, \neg e_{5,6} \lor \neg e_{2,5} \lor t_{\neg e_{1,2},e_{2,3}} \vdash t_{e_{1,2},e_{1,3}} \lor \neg e_{5,6} \lor t_{\neg e_{1,2},e_{2,3}}$$

4794.
$$t_{e_{1,2}, e_{1,3}} \lor e_{2,5}, e_{4,5} \lor \neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{4,5} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$4795. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,5}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,5} \lor \neg e_{4,5} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg e_{4,5}$$

4796.
$$t_{e_{1,2}, e_{1,3}} \lor e_{2,5}, e_{5,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \vdash e_{5,6} \lor t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$4797. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,5}, \neg e_{5,6} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,5} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg e_{5,6} \lor t_{\neg e_{1,2},\,\neg e_{2,3}}$$

4798.
$$t_{e_{1,2}, e_{1,3}} \lor e_{2,5}, e_{4,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{4,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$4799.\ \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,5}, \neg e_{1,2} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,5} \vdash \neg e_{1,2} \lor t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,\neg e_{2,3}}$$

$$4800. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,5}, t_{e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,5} \lor e_{1,2} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,2}$$

$$4801. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,5}, t_{e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,5} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,$$

$$4802. \ \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,5}, \neg e_{1,2} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg e_{2,5} \vdash \neg e_{1,2} \lor t_{e_{1,2},\,e_{1,3}}$$

4803.
$$t_{e_{1,2},e_{1,3}} \lor e_{2,5}, t_{e_{1,2},e_{1,3}} \lor \neg e_{2,5} \lor e_{1,2} \vdash t_{e_{1,2},e_{1,3}} \lor e_{1,2}$$

4804.
$$t_{e_{1,2}, e_{1,3}} \lor e_{2,5}, t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,5} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,3}, \neg e_{2,3}}$$

$$4805. \ \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,5}, \neg e_{2,5} \lor e_{2,3} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \vdash t_{e_{1,2},\,e_{1,3}} \lor e_{2,3} \lor \neg t_{\neg e_{2,5},\,e_{2,6}}$$

$$4806.\ \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,5}, \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,5} \lor e_{2,3} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{2,3}$$

$$4807. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,5}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor \neg e_{2,5} \vdash \neg e_{1,2} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}}$$

$$4808.\ \ t_{e_{1,2},\,e_{1,3}}\vee e_{2,5}, \neg t_{\neg e_{1,2},\,e_{2,3}}\vee \neg e_{2,5}\vee e_{1,2}\vdash t_{e_{1,2},\,e_{1,3}}\vee \neg t_{\neg e_{1,2},\,e_{2,3}}\vee e_{1,2}$$

$$4809.\ \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,5}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor \neg e_{2,5} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor \neg$$

4810.
$$t_{e_{1,2}, e_{1,3}} \lor e_{2,5}, \neg e_{2,5} \lor \neg e_{4,5} \lor e_{2,3} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg e_{4,5} \lor e_{2,3}$$

4811.
$$t_{e_{1,2},e_{1,3}} \lor e_{2,5}, e_{5,6} \lor \neg e_{2,5} \lor e_{2,3} \vdash e_{5,6} \lor t_{e_{1,2},e_{1,3}} \lor e_{2,3}$$

4812.
$$t_{e_{1,2}, e_{1,3}} \lor e_{2,5}, \neg e_{5,6} \lor \neg e_{2,5} \lor e_{2,3} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg e_{5,6} \lor e_{2,3}$$

4813.
$$t_{e_{1,2}, e_{1,3}} \lor e_{2,5}, e_{4,5} \lor \neg e_{2,5} \lor e_{2,3} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{4,5} \lor e_{2,3}$$

$$4814. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,5}, \neg e_{1,2} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor \neg e_{2,5} \vdash \neg e_{1,2} \lor t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{1,3}}$$

$$4815. \ \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,5}, t_{\neg e_{1,2},\,e_{1,3}} \lor \neg e_{2,5} \lor e_{1,2} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,2}$$

$$4816. \ \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,5}, t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor \neg e_{2,5} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{$$

$$4817. \ \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,5}, \neg e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{2,5}} \lor e_{1,2} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,5},\,\neg e_{2,5}} \lor e_{1,2}$$

$$4818. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,5}, \neg e_{2,5} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \lor e_{1,2} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \lor e_{1,2}$$

$$4819. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,5}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg e_{2,5} \lor e_{2,3} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$4820. \ \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,5}, \neg e_{2,3} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg e_{2,5} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg e_{2,3} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg e_{2,4} \lor \neg e_{2,5} \lor \neg e_{$$

4821.
$$t_{e_{1,2},e_{1,3}} \vee e_{2,5}, \neg t_{e_{1,2},e_{1,3}} \vee e_{1,3} \vee e_{1,2} \vdash e_{2,5} \vee e_{1,3} \vee e_{1,2}$$

$$4822. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,5}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,5} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,5} \lor \neg e_{$$

$$4823. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,5}, t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg e_{2,5} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}}$$

$$4824. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,5}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor \neg e_{2,5} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}}$$

$$4825. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,5}, t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg e_{2,5} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg$$

$$4826. \ \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,5}, \neg e_{2,5} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \lor \neg e_{4,5} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \lor \neg e_{4,5}$$

4827.
$$t_{e_{1,2}, e_{1,3}} \lor e_{2,5}, e_{5,6} \lor \neg e_{2,5} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \vdash e_{5,6} \lor t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,5}, \neg e_{2,5}}$$

$$4828. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,5}, \neg e_{5,6} \lor \neg e_{2,5} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg e_{5,6} \lor \neg t_{e_{1,5},\,\neg e_{2,5}}$$

$$4829. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,5}, e_{4,5} \lor \neg e_{2,5} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \vdash t_{e_{1,2},\,e_{1,3}} \lor e_{4,5} \lor \neg t_{e_{1,5},\,\neg e_{2,5}}$$

$$4830. \ \ t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}}, \neg t_{e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,3} \vdash \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,3}$$

$$4831. \ t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$4832. \ t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}}, \neg t_{e_{1,2},\, e_{2,3}} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}$$

$$4833. \ t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}$$

$$4834. \ t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{e_{1,2}, \, e_{2,3}}, \neg t_{e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor e_{1,2} \vdash t_{\neg e_{1,3}, \, e_{2,3}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor e_{1,2}$$

4835.
$$t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,3}$$

$$4836. \ t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,3}, e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$4837. \ t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}}, \neg t_{e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, e_{1,3}} \lor e_{2,3} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,3}$$

$$4838. \ t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}, t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,3}$$

$$4839. \ t_{e_{1,2},\, \neg e_{2,3}} \vee t_{e_{1,2},\, e_{2,3}}, \neg t_{e_{1,2},\, e_{2,3}} \vee e_{2,3} \vee e_{1,2} \vdash t_{e_{1,2},\, \neg e_{2,3}} \vee e_{2,3} \vee e_{1,2}$$

$$4840.\ \ t_{e_{1,2},\,\lnot e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}},\,\lnot t_{e_{1,2},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash t_{e_{1,2},\,\lnot e_{2,3}} \lor e_{2,3} \lor e_{1,2}$$

$$4841. \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{2,5}}, \neg t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{1,2} \vdash t_{\neg e_{1,5},\,\neg e_{2,5}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{1,2}$$

$$4842. \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{2,5}}, \neg t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \vdash t_{\neg e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$4843. \ \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{2,5}}, t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,e_{1,3}} \lor e_{1,2} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{2,5}} \lor e_{1,2}$$

$$4844. \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{2,5}}, \neg t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,3} \vdash t_{\neg e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}$$

$$4845. \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{2,5}}, \neg t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,3} \vdash t_{\neg e_{1,5},\,\neg e_{2,5}} \lor \neg t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,3}$$

$$4846. \ \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{2,5}}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,2},\,e_{1,3}} \lor e_{1,2} \vdash t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,5},\,\neg e_{2,5}} \lor e_{1,2}$$

$$4847. \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{2,5}}, \neg t_{e_{1,2},\,e_{1,3}} \lor e_{1,3} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{\neg e_{1,5},\,\neg e_{2,5}} \lor e_{1,3} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$4848. \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{2,5}}, \neg t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor e_{1,2} \vdash t_{\neg e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}$$

$$4849. \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{2,5}}, \neg t_{e_{1,2},\,e_{1,3}} \lor e_{1,3} \lor e_{1,2} \vdash t_{\neg e_{1,5},\,\neg e_{2,5}} \lor e_{1,3} \lor e_{1,2}$$

$$4850. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \vdash \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor \neg t_{\neg e_{2,5},\, e_{$$

$$4851. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, t_{e_{4,5},\, e_{5,6}} \lor t_{\neg e_{4,5},\, e_{5,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash e_{2,5} \lor t_{\neg e_{4,5},\, e_{5,6}} \lor t_{e_{4,5},\, e_{5,6}} \lor t_{e_{4,5},\,$$

$$4852. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor$$

$$4853. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}} \lor e_{2,5}$$

$$4854. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, t_{e_{1,3},\, e_{2,3}} \lor t_{e_{4,5},\, e_{5,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash t_{e_{1,3},\, e_{2,3}} \lor e_{2,5} \lor t_{e_{4,5},\, e_{5,6}}$$

$$4855. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, \neg e_{2,5} \lor t_{e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \vdash \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor \neg t_$$

$$4856. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{4,5},\, \neg e_{5,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{4,5},\, \neg e_{5,6}} \lor e_{2,5}$$

$$4857. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, t_{\neg e_{1,5},\, \neg e_{2,5}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \vdash t_{\neg e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{$$

$$4858. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, \neg e_{5,6} \lor \neg t_{e_{4,5},\, \neg e_{5,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash \neg e_{5,6} \lor \neg t_{e_{4,5},\, \neg e_{5,6}} \lor e_{2,5}$$

4859.
$$\neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,5}, e_{1,5} \lor \neg e_{5,6} \lor \neg e_{2,5} \vdash e_{1,5} \lor \neg e_{5,6} \lor \neg t_{\neg e_{1,5}, e_{2,5}}$$

$$4860. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, t_{\neg e_{4,5},\, \neg e_{5,6}} \lor t_{e_{4,5},\, \neg e_{5,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash t_{e_{4,5},\, \neg e_{5,6}} \lor t_{\neg e_{4,5},\, \neg e_{5,6}} \lor e_{2,5}$$

$$4861. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{4,5},\, e_{5,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash t_{\neg e_{1,3},\, \neg e_{2,3}} \lor e_{2,5} \lor t_{\neg e_{4,5},\, e_{5,6}} \lor t_{\neg e_{4,5},\, e_{5,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor t_{\neg e_{2,5},\, e_{2,5}} \lor t_{\neg e$$

$$4862. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, \neg e_{4,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash \neg e_{4,6} \lor e_{2,5} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}}$$

$$4863. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, \neg t_{e_{4,5},\, \neg e_{5,6}} \lor e_{4,5} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash e_{4,5} \lor \neg t_{e_{4,5},\, \neg e_{5,6}} \lor e_{2,5}$$

$$4864. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, \neg e_{2,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$4865. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, t_{e_{1,3},\, e_{2,3}} \lor t_{\neg e_{4,5},\, e_{5,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash t_{e_{1,3},\, e_{2,3}} \lor e_{2,5} \lor t_{\neg e_{4,5},\, e_{5,6}}$$

$$4866. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor \neg e_{2,5} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor$$

$$4867. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, t_{\neg e_{1,2},\, e_{1,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}}$$

$$4868. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, e_{5,6} \lor \neg t_{e_{4,5},\, e_{5,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash e_{5,6} \lor \neg t_{e_{4,5},\, e_{5,6}} \lor e_{2,5}$$

$$4869. \ \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, t_{e_{4,5},\, \neg e_{5,6}} \lor t_{\neg e_{4,5},\, \neg e_{5,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash t_{\neg e_{4,5},\, \neg e_{5,6}} \lor t_{e_{4,5},\, \neg e_{5,6}} \lor e_{2,5}$$

$$4870. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg e_{2,5} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{2,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{$$

$$4871. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{4,5},\, e_{5,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor e_{2,5} \lor t_{\neg e_{4,5},\, e_{5,6}}$$

$$4872. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{4,5},\, e_{5,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor e_{2,5} \lor t_{e_{4,5},\, e_{5,6}} \lor t_{e_{4,5},\,$$

$$4873. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \vdash \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$$

$$4874. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, \neg e_{4,6} \lor \neg t_{e_{4,5},\, \neg e_{4,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash \neg e_{4,6} \lor e_{2,5} \lor \neg t_{e_{4,5},\, \neg e_{4,6}} \lor e_{2,5} \lor \neg t_{e_{$$

$$4875. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \vdash \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}$$

$$4876. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, t_{e_{1,2},\, e_{1,3}} \lor \neg e_{2,5} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \vdash t_{e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_$$

$$4877. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, \neg e_{2,6} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \vdash e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \lor \neg t_$$

$$4878. \ \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, t_{\neg e_{4,5},\, \neg e_{5,6}} \lor t_{\neg e_{4,5},\, e_{5,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash t_{\neg e_{4,5},\, \neg e_{5,6}} \lor e_{2,5} \lor t_{\neg e_{4,5},\, e_{5,6}} \lor e_{2,5} \lor t_{\neg e_{4,5},\, e_{5,6}} \lor e_{2,5} \lor$$

- $4879. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{e_{4,5},\, e_{5,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash t_{\neg e_{1,3},\, \neg e_{2,3}} \lor e_{2,5} \lor t_{e_{4,5},\, e_{5,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash t_{\neg e_{1,3},\, \neg e_{2,3}} \lor e_{2,5} \lor t_{e_{4,5},\, e_{5,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash t_{\neg e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor t_{\neg e$
- $4880. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \lor \neg e_{2,5} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \vdash \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{e_{1,5},\, \neg e_{$
- $4881. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, e_{4,6} \lor \neg t_{e_{4,6},\, \neg e_{5,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash e_{4,6} \lor e_{2,5} \lor \neg t_{e_{4,6},\, \neg e_{5,6}}$
- $4882. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, \neg e_{5,6} \lor \neg t_{\neg e_{4,5},\, \neg e_{5,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,5},\, \neg e_{5,6}} \lor e_{2,5}$
- $4883. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, t_{\neg e_{1,2},\, \neg e_{1,3}} \lor \neg e_{2,5} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \vdash \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}}$
- 484. $\neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,5}, \neg e_{1,5} \lor \neg e_{2,5} \lor \neg e_{4,5} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \lor \neg e_{4,5}$
- $4885. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{4,5},\, e_{5,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor e_{2,5} \lor t_{e_{4,5},\, e_{5,6}} \lor t_{e_{4,5},\, e_{5,6}} \lor t_{e_{2,5},\, e_{2,5}} \lor t_{e_{2,5},\,$
- $4886. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, e_{4,6} \lor \neg t_{\neg e_{4,5},\, e_{4,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash e_{4,6} \lor e_{2,5} \lor \neg t_{\neg e_{4,5},\, e_{4,6}} \lor e_{2,5} \lor \neg t_{\neg e_{4,$
- $4887. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, \neg e_{2,5} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,2},\, \neg e_{1,3}} \lor t_$
- $4888. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, t_{\neg e_{4,5},\, \neg e_{5,6}} \lor t_{e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash t_{\neg e_{4,5},\, \neg e_{5,6}} \lor t_{e_{1,3},\, e_{2,3}} \lor e_{2,5}$
- $4889. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{e_{1,2},\, \neg e_{2,3}}$
- 4890. $\neg t_{\neg e_{1.5}, e_{2.5}} \lor e_{2,5}, e_{5,6} \lor \neg e_{1,5} \lor \neg e_{2,5} \vdash e_{5,6} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1.5}, e_{2.5}}$
- $4891. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5}$
- $4892. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{4,5},\, \neg e_{5,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{4,5},\, \neg e_{5,6}} \lor e_{2,5}$
- $4893. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, t_{\neg e_{1,2},\, e_{1,3}} \lor \neg e_{2,5} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor$
- 4894. $\neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,5}, e_{1,5} \lor \neg e_{2,5} \lor \neg e_{4,5} \vdash e_{1,5} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \lor \neg e_{4,5}$
- $4895. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, t_{\neg e_{4,5},\, e_{5,6}} \lor t_{e_{4,5},\, e_{5,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash e_{2,5} \lor t_{e_{4,5},\, e_{5,6}} \lor t_{\neg e_{4,5},\, e_{5,6}} \lor t_{\neg e_{5,6}$
- $4896. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, e_{4,6} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{e_{4,6},\, e_{5,6}} \vdash e_{4,6} \lor e_{2,5} \lor \neg t_{e_{4,6},\, e_{5,6}}$
- $4897. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{\neg e_{$
- $4898. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, \neg e_{2,5} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,3} \lor e_{1,2}$
- $4899. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{1,6} \lor e_{2,5}$
- $4900. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg e_{2,5} \vdash t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}$
- $4901. \ \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{4,5},\, \neg e_{5,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{4,5},\, \neg e_{5,6}} \lor e_{2,5}$
- $4902. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, \neg e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \vdash \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor t_$
- 4903. $\neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,5}, \neg e_{5,6} \lor \neg e_{1,5} \lor \neg e_{2,5} \vdash \neg e_{5,6} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, e_{2,5}}$
- $4904. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, t_{e_{1,2},\, e_{1,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \vdash t_{e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor$
- $4905. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, t_{\neg e_{1,2},\, \neg e_{1,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \vdash \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,5},\, \neg e_{$

- $4906. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, e_{1,5} \lor e_{4,5} \lor \neg e_{2,5} \vdash e_{1,5} \lor e_{4,5} \lor \neg t_{\neg e_{1,5},\, e_{2,5}}$
- $4907. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{4,5},\, \neg e_{5,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{4,5},\, \neg e_{5,6}} \lor e_{2,5}$
- $4908. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, t_{\neg e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{4,5},\, \neg e_{5,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash t_{\neg e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{4,5},\, \neg e_{5,6}} \lor e_{2,5}$
- $4909. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{4,5},\, \neg e_{5,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{4,5},\, \neg e_{5,6}} \lor e_{2,5}$
- $4910. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, t_{e_{1,5},\, e_{2,5}} \lor t_{\neg e_{4,5},\, e_{5,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor t_{\neg e_{4,5},\, e_{5,6}} \lor t_{\neg e_{4,5},\, e_{5,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor t_{\neg e_{4,5},\, e_{5,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor t_{\neg e_{2,5},\, e_{2,5}} \lor t_{\neg e_{2,5},\,$
- 4911. $\neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,5}, \neg e_{1,2} \lor \neg e_{2,5} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,3}$
- $4912. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, t_{\neg e_{1,5},\, \neg e_{2,5}} \lor t_{e_{4,5},\, \neg e_{5,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash t_{\neg e_{1,5},\, \neg e_{2,5}} \lor t_{e_{4,5},\, \neg e_{5,6}} \lor e_{2,5}$
- $4913. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg e_{4,6} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg e_{4,6} \lor e_{2,5}$
- $4914. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, t_{e_{1,2},\, e_{2,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \vdash t_{e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor \neg t_$
- $4915. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, t_{e_{4,5},\, \neg e_{5,6}} \lor t_{e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash t_{e_{4,5},\, \neg e_{5,6}} \lor t_{e_{1,3},\, e_{2,3}} \lor e_{2,5}$
- $4916. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{e_{1,2},\, e_{2,3}} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}}$
- $4917. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, t_{e_{4,5},\, \neg e_{5,6}} \lor t_{e_{4,5},\, e_{5,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash t_{e_{4,5},\, \neg e_{5,6}} \lor e_{2,5} \lor t_{e_{4,5},\, e_{5,6}} \lor t_{e_{4,5},\,$
- $4918. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{1,6}$
- $4919. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, \neg e_{1,6} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}$
- $4920. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, \neg t_{e_{4,5},\, e_{5,6}} \lor e_{4,5} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash e_{4,5} \lor \neg t_{e_{4,5},\, e_{5,6}} \lor e_{2,5}$
- $4921. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}}$
- 4922. $\neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,5}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg e_{2,5} \vdash \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,5}, e_{2,5}}$
- 4923. $\neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,5}, t_{e_{1,5}, e_{2,5}} \lor t_{e_{4,5}, e_{5,6}} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor t_{e_{4,5}, e_{5,6}}$
- $4924. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, t_{e_{1,5},\, e_{2,5}} \lor t_{\neg e_{4,5},\, \neg e_{5,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash t_{e_{1,5},\, e_{2,5}} \lor t_{\neg e_{4,5},\, \neg e_{5,6}} \lor e_{2,5}$
- $4925. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, e_{4,6} \lor \neg t_{e_{4,5},\, e_{4,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash e_{4,6} \lor \neg t_{e_{4,5},\, e_{4,6}} \lor e_{2,5}$
- 4926. $\neg t_{\neg e_{1.5}, e_{2.5}} \lor e_{2,5}, \neg t_{\neg e_{1.5}, e_{2.5}} \lor e_{2,5} \lor t_{\neg e_{1.5}, e_{2.5}} \vdash e_{2,5}$
- $4927. \ \, \neg t_{\neg e_{1,5}, \, e_{2,5}} \lor e_{2,5}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \, e_{2,5}} \lor t_{\neg e_{1,5}, \, e_{2,5}} \vdash \neg e_{1,5} \lor e_{2,5}$
- 4928. $\neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,5}, e_{5,6} \lor e_{1,5} \lor \neg e_{2,5} \vdash e_{5,6} \lor e_{1,5} \lor \neg t_{\neg e_{1,5}, e_{2,5}}$
- 4929. $\neg t_{\neg e_{1.5}, e_{2.5}} \lor e_{2,5}, \neg t_{\neg e_{4.5}, \neg e_{5.6}} \lor \neg e_{4,5} \lor t_{\neg e_{1.5}, e_{2.5}} \vdash \neg t_{\neg e_{4.5}, \neg e_{5.6}} \lor e_{2,5} \lor \neg e_{4,5}$
- 4930. $\neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,5}, \neg e_{1,5} \lor e_{4,5} \lor \neg e_{2,5} \vdash e_{4,5} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, e_{2,5}}$
- $4931. \ \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{4,5},\, e_{5,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor e_{2,5} \lor t_{\neg e_{4,5},\, e_{5,6}} \lor t_{\neg e_{4,5},\, e_{5,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor t_{\neg e_{2,5}} \lor t_{\neg e_{4,5},\, e_{5,6}} \lor t_{\neg e_{4,5},\, e_{5,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor t_{\neg e_{2,5}} \lor t$
- $4932. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, \neg t_{\neg e_{4,5},\, e_{5,6}} \lor \neg e_{4,5} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash \neg t_{\neg e_{4,5},\, e_{5,6}} \lor e_{2,5} \lor \neg e_{4,5}$

$$4933. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, t_{e_{1,5},\, e_{2,5}} \lor \neg e_{2,5} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \vdash t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_$$

$$4934. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{e_{4,5},\, \neg e_{5,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{e_{4,5},\, \neg e_{5,6}} \lor e_{2,5}$$

$$4935. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, t_{\neg e_{1,5},\, \neg e_{2,5}} \lor t_{e_{4,5},\, e_{5,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash t_{\neg e_{1,5},\, \neg e_{2,5}} \lor e_{2,5} \lor t_{e_{4,5},\, e_{5,6}}$$

$$4936. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, t_{\neg e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{4,5},\, e_{5,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash t_{\neg e_{1,5},\, \neg e_{2,5}} \lor e_{2,5} \lor t_{\neg e_{4,5},\, e_{5,6}} \lor t_{\neg e_{4,5},\, e_{5,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor t_{\neg e_{4,5},\, e_{5,6}} \lor t_{\neg e_{4,5},\, e_{5,6}$$

$$4937. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}} \lor e_{2,5}$$

$$4938. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, t_{e_{1,5},\, e_{2,5}} \lor t_{e_{4,5},\, \neg e_{5,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash t_{e_{1,5},\, e_{2,5}} \lor t_{e_{4,5},\, \neg e_{5,6}} \lor e_{2,5}$$

$$4939. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e_$$

$$4940. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, \neg t_{\neg e_{4,5},\, \neg e_{4,6}} \lor \neg e_{4,6} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash \neg t_{\neg e_{4,5},\, \neg e_{4,6}} \lor \neg e_{4,6} \lor e_{2,5}$$

4941.
$$\neg t_{\neg e_{1.5}, e_{2.5}} \lor e_{2,5}, \neg e_{2,3} \lor \neg e_{2,5} \lor e_{1,2} \vdash \neg e_{2,3} \lor \neg t_{\neg e_{1.5}, e_{2.5}} \lor e_{1,2}$$

$$4942. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, e_{1,5} \lor t_{e_{1,4},\, e_{2,4}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,4},\, e_{2,4}} \lor e_{2,5}$$

$$4943. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, t_{e_{1,3},\, \neg e_{2,3}} \lor \neg e_{2,5} \lor e_{2,3} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,3}$$

$$4944. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, t_{e_{1,3},\, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg e_{2,5} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,5},\, e_{2,5}}$$

$$4945. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, t_{e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \vdash t_{e_{1,6},\, \neg e_{2,6}} \lor e_{2,5} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \lor e_{2,5} \lor e_{2,5} \lor e_{2,5} \lor e_{2,5} \lor e_{2,5} \lor e_{2,5} \lor e_{2,5$$

$$4946. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, e_{1,5} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash e_{1,5} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{2,5}$$

$$4947. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, t_{e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \vdash t_{e_{1,2},\, \neg e_{1,3}} \lor e_{2,5} \lor \neg t_{e_{2,5},\, \neg e_{2,6}}$$

$$4948. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, \neg e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{4,5} \vdash \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{4,5}$$

$$4949. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, e_{5,6} \lor \neg e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash e_{5,6} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$4950. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, \neg e_{5,6} \lor \neg e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$4951. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,5}$$

$$4952. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, e_{4,5} \lor \neg e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash e_{4,5} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

4953.
$$\neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,5}, t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \lor \neg e_{4,5} \vdash \neg t_{\neg e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg e_{4,5}$$

$$4954. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, e_{5,6} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,5} \vdash e_{5,6} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}}$$

$$4955. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, \neg e_{5,6} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,5} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}}$$

$$4956. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{2,5}$$

$$4957. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, e_{4,5} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,5} \vdash e_{4,5} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}}$$

4958.
$$\neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,5}, e_{1,5} \lor t_{\neg e_{1,5}, e_{2,5}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,5} \lor e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}}$$

4959.
$$\neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,5}, t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,6} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{2,6} \lor e_{2,5}$$

4960.
$$\neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,5}, t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{2,6} \lor e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}}$$

4961.
$$\neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,5}, t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,6} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash e_{1,6} \lor e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}$$

4962.
$$\neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,5}, t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5}$$

$$4963. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, e_{2,6} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash e_{2,6} \lor e_{2,5} \lor t_{\neg e_{1,2},\, \neg e_{1,3}}$$

$$4964. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,6} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,6} \lor e_{2,5}$$

4965.
$$\neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,5}, t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,6} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,6} \lor e_{2,5}$$

$$4966. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash e_{2,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$4967. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, e_{1,6} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{1,6} \lor e_{2,5}$$

$$4968. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,6} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,6} \lor e_{2,5}$$

$$4969. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, \neg t_{e_{1,6},\, \neg e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash \neg t_{e_{1,6},\, \neg e_{2,6}} \lor e_{1,6} \lor e_{2,5}$$

4970.
$$\neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,5}, t_{e_{1,2}, e_{2,3}} \lor e_{1,6} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash t_{e_{1,2}, e_{2,3}} \lor e_{1,6} \lor e_{2,5}$$

$$4971. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, \neg e_{1,2} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,5} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,5} \lor \neg e_{2,5$$

$$4972. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,5} \lor e_{1,2} \vdash \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}$$

$$4973. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,5} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,5} \lor$$

$$4974. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, e_{1,5} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash e_{1,5} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor e_{2,5}$$

$$4975. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{1,3}} \lor \neg e_{2,5} \vdash \neg e_{1,2} \lor t_{e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}}$$

$$4976. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, t_{e_{1,2},\, e_{1,3}} \lor \neg e_{2,5} \lor e_{1,2} \vdash t_{e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{1,2}$$

$$4977. \neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,5}, t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,5} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5}, e_{2,5}}$$

$$4978. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,5} \lor \neg t_{e_{2,5},\, \neg e_{2,6}}$$

$$4979. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, e_{1,5} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash e_{1,5} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{2,5}$$

4980.
$$\neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,5}, t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,5} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

4981.
$$\neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,5}, e_{2,5} \lor t_{\neg e_{1,5}, e_{2,5}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$4982. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, e_{1,5} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,5}$$

4983.
$$\neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,5}, t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,5} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash e_{2,5} \lor t_{\neg e_{1,2}, e_{1,3}}$$

$$4984. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, e_{1,5} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5},\, \neg e_{2,5}}$$

4985.
$$\neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,5}, t_{e_{1,2}, e_{1,3}} \lor e_{2,5} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{2,5}$$

$$4986. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, e_{1,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash e_{1,5} \lor e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

4987.
$$\neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,5}, t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,5} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,5}$$

4988.
$$\neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,5}, \neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,5} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash e_{2,5}$$

$$4989. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, e_{1,5} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2},\, e_{2,3}} \lor e_{2,5}$$

$$4990. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, t_{\neg e_{1,2},\, \neg e_{1,3}} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash e_{2,5} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash e_{2,5} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,5}$$

$$4991. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5} \lor e_{2,5}$$

$$4992. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, e_{1,5} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2},\, e_{2,3}} \lor e_{2,5}$$

4993.
$$\neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,5}, e_{1,5} \lor t_{\neg e_{1,5}, e_{2,5}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,5} \lor e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$4994. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, t_{e_{1,2},\, e_{1,3}} \lor e_{1,5} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash t_{e_{1,2},\, e_{1,3}} \lor e_{1,5} \lor e_{2,5}$$

$$4995. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, e_{1,5} \lor t_{\neg e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash e_{1,5} \lor t_{\neg e_{1,5},\, \neg e_{2,5}} \lor e_{2,5}$$

$$4996. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, e_{1,5} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash e_{1,5} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{2,5}$$

4997.
$$\neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,5}, t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,5} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

4998.
$$\neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,5}, e_{2,5} \lor t_{\neg e_{1,5}, e_{2,5}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}}$$

4999.
$$\neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,5}, e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,5}$$

$$5000. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,5} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash e_{2,5} \lor t_{\neg e_{1,2},\, e_{1,3}}$$