Домашнее задание по Математической логике №5

Приложение 2. Метод резолюций

Часть 2.5001 - 10000

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$$58. \ \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}}, e_{2,5} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}} \lor e_{2,6}$$

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

$$60. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$$

$$61. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{2,5} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$62. \ \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}}$$

$$63. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{2,4} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{2,5},\, e_{2,6}} \vdash t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,5} \lor e_{2,6} \lor e_{2,4}$$

$$64. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$65. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$$

$$66. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, \neg e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{2,5},\, e_{2,6}} \vdash \neg e_{2,4} \lor \neg e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,6}$$

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

$$68. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

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

70.
$$\neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{2,5}, e_{2,6}}$$

$$71. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{2,5} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

72.
$$\neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}}$$

73.
$$\neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}}, \neg e_{2,4} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}} \vdash \neg e_{2,4} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \lor e_{2,6}$$

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

$$75. \ \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}}, e_{2,5} \lor t_{e_{1,2}, \, \neg e_{2,3}} \vdash t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}} \lor e_{2,6}$$

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

$$77. \ \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$$

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

79.
$$\neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}}, e_{2,5} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

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

$$81. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2},\, e_{2,3}} \vdash t_{e_{1,2},\, e_{2,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$$

$$82. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{2,5} \lor t_{e_{1,2},\, e_{2,3}} \vdash t_{e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$83. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2},\, e_{2,3}} \vdash t_{e_{1,2},\, e_{2,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$$

$$84. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{2,4} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{2,5},\, e_{2,6}} \vdash t_{e_{1,2},\, e_{2,3}} \lor \neg e_{2,5} \lor e_{2,6} \lor e_{2,4}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$$117. \ e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,6}$$

118.
$$e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$119. \ e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

120.
$$e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$121. \ e_{2,5} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}} \vdash t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}} \lor e_{2,6}$$

122.
$$e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$123. \ e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,6}$$

124.
$$e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$125. \ \ e_{2,5} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}} \vdash t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}} \lor e_{2,6}$$

126.
$$e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$127. \ e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,6}$$

128.
$$e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$129. \ \ e_{2,5} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor \neg e_{2,6} \lor \neg e_{2,6}$$

130.
$$e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

$$131. \ e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}} \vdash t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}} \lor e_{2,6}$$

132.
$$e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

$$133. \ e_{2,5} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}}, \neg e_{1,5} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,5}, \, \neg e_{2,5}} \vdash \neg e_{1,5} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{2,5}}$$

$$134. \ e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,5} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}} \vdash \neg e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}}$$

$$135. \ e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,5} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}} \vdash \neg e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}}$$

$$136. \ e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,5} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}} \vdash \neg e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}}$$

137.
$$e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,5}, e_{2,5}}$$

138.
$$e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,5}, e_{2,5}}$$

139.
$$e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,5}, e_{2,5}}$$

140.
$$e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,5}, e_{2,5}}$$

$$141. \ e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, e_{1,5} \lor \neg e_{2,5} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \vdash e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,5}, \neg e_{2,5}}$$

$$142. \ e_{2,5} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}}, e_{1,5} \lor \neg e_{2,5} \lor \neg t_{e_{1,5}, \, \neg e_{2,5}} \vdash e_{1,5} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{e_{1,5}, \, \neg e_{2,5}}$$

143.
$$e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, e_{1,5} \lor \neg e_{2,5} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \vdash e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,5}, \neg e_{2,5}}$$

$$144. \ e_{2,5} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}}, e_{1,5} \lor \neg e_{2,5} \lor \neg t_{e_{1,5}, \, \neg e_{2,5}} \vdash e_{1,5} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{e_{1,5}, \, \neg e_{2,5}}$$

145.
$$e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,5}, e_{2,5}}$$

146.
$$e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,5}, e_{2,5}}$$

147.
$$e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,5}, e_{2,5}}$$

148.
$$e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,5}, e_{2,5}}$$

149.
$$\neg e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$150. \ \, \neg e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg t_{e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{2,5}$$

151.
$$\neg e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}}$$

152.
$$\neg e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$153. \ \, \neg e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}}$$

154.
$$\neg e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

155.
$$\neg e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$156. \ \, \neg e_{2,6} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, \, e_{2,6}} \vdash \neg t_{e_{2,5}, \, e_{2,6}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor e_{2,5}$$

$$157. \ \, \neg e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}}$$

158.
$$\neg e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

159.
$$\neg e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$160. \ \, \neg e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg t_{e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{2,5}$$

161.
$$\neg e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

162.
$$\neg e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg t_{e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{2,5}$$

$$163. \ \, \neg e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}}$$

164.
$$\neg e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

165.
$$\neg e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

166.
$$\neg e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

167.
$$\neg e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

168.
$$\neg e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$169. \ \, \neg e_{2,6} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}} \vdash \neg e_{1,6} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}$$

$$170. \ \neg e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

$$171. \ \, \neg e_{2,6} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}} \vdash \neg e_{1,6} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}$$

$$172. \ \, \neg e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

173.
$$\neg e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,6}, \neg e_{2,6}}$$

174.
$$\neg e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,6}, \neg e_{2,6}}$$

175.
$$\neg e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,6}, \neg e_{2,6}}$$

176.
$$\neg e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,6}, \neg e_{2,6}}$$

177.
$$\neg e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,6}$$

178.
$$\neg e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,6}$$

179.
$$\neg e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,6}$$

180.
$$\neg e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,6}$$

$$181. \ e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}}, \neg e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, \neg e_{2,6}} \vdash t_{\neg e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, \neg e_{2,6}}$$

$$182. \ e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}}, \neg e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,5}, e_{2,6}} \vdash t_{\neg e_{2,5}, e_{2,6}} \lor t_{e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$183. \ e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}}, \neg e_{2,4} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}} \vdash t_{\neg e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$184. \ \ e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}}, \neg e_{2,4} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{2,5}, \neg e_{2,6}} \vdash t_{e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,$$

$$185. \ e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}}, \neg e_{2,4} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}} \vdash t_{\neg e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t$$

$$186. \ e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}}, \neg e_{2,4} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,5}, \neg e_{2,6}} \vdash t_{e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{$$

$$187. \ e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}}, \neg e_{2,4} \lor t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{2,5}, \neg e_{2,6}} \vdash t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{$$

$$188. \ e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}}, \neg e_{2,4} \lor t_{e_{1,2}, e_{2,3}} \lor t_{e_{2,5}, e_{2,6}} \vdash t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}} \lor t_{e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$189. \ \ e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}}, \neg e_{1,4} \lor \neg e_{2,4} \lor \neg t_{\neg e_{1,4}, \neg e_{2,4}} \vdash t_{\neg e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,4}, \neg e_{2,4}} \lor \neg e_{1,4}, \neg e_{2,4} \lor \neg e_{2,5}, e_{2,6} \lor t_{\neg e_{2,5}, e_{2,6}} \lor \neg e_{2,5}, e_{2,6} \lor \neg e_{2,$$

$$190. \ \ e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}}, \neg e_{1,4} \lor \neg e_{2,4} \lor \neg t_{\neg e_{1,4}, \neg e_{2,4}} \vdash t_{\neg e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,4}, \neg e_{2,4}} \lor \neg e_{1,4} \lor \neg e_{1,4}, \neg e_{2,4} \lor \neg e_{1,4}, \neg e_{2,5}, e_{2,6} \lor e_{$$

$$191. \ e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}}, \neg e_{1,4} \lor \neg e_{2,4} \lor \neg t_{\neg e_{1,4}, \neg e_{2,4}} \vdash t_{\neg e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,4}, \neg e_{2,4}} \lor \neg e_{1,4}, \neg e_{1,4}, \neg e_{2,4} \lor \neg e_{1,4}, \neg e_{2,5}, e_{2,6}, \neg e_{1,4}, \neg e_{2,5}, e_{2,6}, \neg e_{2$$

$$192. \ \ e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}}, \neg e_{1,4} \lor \neg e_{2,4} \lor \neg t_{\neg e_{1,4}, \neg e_{2,4}} \vdash t_{\neg e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,4}, \neg e_{2,4}} \lor \neg e_{1,4} \lor \neg e_{1,4}, \neg e_{2,4} \lor \neg e_{1,4}, \neg e_{2,5}, e_{2,6} \lor e_{$$

$$193. \ e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}}, \neg e_{2,4} \lor t_{\neg e_{1,4}, e_{2,4}} \vdash t_{\neg e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,4}, e_{2,4}}$$

$$194. \ e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}}, \neg e_{2,4} \lor t_{\neg e_{1,4}, e_{2,4}} \vdash t_{\neg e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,4}, e_{2,4}}$$

$$195. \ e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}}, \neg e_{2,4} \lor t_{\neg e_{1,4}, e_{2,4}} \vdash t_{\neg e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,4}, e_{2,4}}$$

$$196. \ e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}}, \neg e_{2,4} \lor t_{\neg e_{1,4}, e_{2,4}} \vdash t_{\neg e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,4}, e_{2,4}}$$

$$197. \ e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}}, e_{1,4} \lor \neg e_{2,4} \lor \neg t_{e_{1,4}, \neg e_{2,4}} \vdash t_{\neg e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,4}, \neg e_{2,4}} \lor e_{1,4}$$

$$198. \ e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}}, e_{1,4} \lor \neg e_{2,4} \lor \neg t_{e_{1,4}, \neg e_{2,4}} \vdash t_{\neg e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,4}, \neg e_{2,4}} \lor e_{1,4}$$

$$199. \ e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}}, e_{1,4} \lor \neg e_{2,4} \lor \neg t_{e_{1,4}, \neg e_{2,4}} \vdash t_{\neg e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,4}, \neg e_{2,4}} \lor e_{1,4}$$

$$200. \ e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}}, e_{1,4} \lor \neg e_{2,4} \lor \neg t_{e_{1,4}, \neg e_{2,4}} \vdash t_{\neg e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,4}, \neg e_{2,4}} \lor e_{1,4}$$

$$201. \ e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}}, \neg e_{2,4} \lor t_{e_{1,4}, e_{2,4}} \vdash t_{e_{1,4}, e_{2,4}} \lor t_{\neg e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$202. \ e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}}, \neg e_{2,4} \lor t_{e_{1,4}, e_{2,4}} \vdash t_{e_{1,4}, e_{2,4}} \lor t_{\neg e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$203. \ e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}}, \neg e_{2,4} \lor t_{e_{1,4}, e_{2,4}} \vdash t_{e_{1,4}, e_{2,4}} \lor t_{\neg e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$204. \ e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}}, \neg e_{2,4} \lor t_{e_{1,4}, e_{2,4}} \vdash t_{e_{1,4}, e_{2,4}} \lor t_{\neg e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

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

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

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

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

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

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

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

$$212. \ \, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg e_{2,3} \lor \neg e_{2,4} \lor \neg e_{$$

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

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

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

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

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

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

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

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

$$221. \ \, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,2} \lor \neg e_{2,3} \lor e_{2,5}$$

$$222. \ \, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}}, e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,2} \lor \neg e_{2,3} \lor e_{2,6}$$

$$223. \ \, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, \neg e_{2,6}} \vdash \neg e_{1,2} \lor \neg e_{2,3} \lor \neg e_{2,4} \lor t_{\neg e_{2,5}, \neg e_{2,6}}$$

$$224. \ \, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,2} \lor \neg e_{2,3} \lor \neg e_{2,5}$$

225.
$$\neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,2} \lor \neg e_{2,3} \lor \neg e_{2,6}$$

$$226. \ \, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,5}, e_{2,6}} \vdash \neg e_{1,2} \lor \neg e_{2,3} \lor \neg e_{2,4} \lor t_{e_{2,5}, e_{2,6}} \lor \neg e_{2,5} \lor \neg e_{2,5}$$

$$227. \ \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,2} \lor \neg e_{2,3} \lor e_{2,5}$$

$$228. \ \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,2} \lor \neg e_{2,3} \lor \neg e_{2,6}$$

$$229. \ \, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}}, e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}} \vdash \neg e_{1,2} \lor \neg e_{2,3} \lor t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,4} \lor e_{2,4} \lor e_{2,5} \lor e_{2,6} \lor e$$

$$230. \ \, \neg e_{1,2} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,2},\, \neg e_{2,3}}, \neg e_{2,5} \vee t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash \neg e_{1,2} \vee \neg e_{2,3} \vee \neg e_{2,5}$$

$$231. \ \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}}, e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,2} \lor \neg e_{2,3} \lor e_{2,6}$$

$$232. \ \, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}}, e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,5}, \neg e_{2,6}} \vdash \neg e_{1,2} \lor t_{e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,3} \lor e_{2,4} \lor e_{2,4} \lor e_{2,5} \lor e_{2,6} \lor \neg e_{2,6} \lor e_{2,6} \lor$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$$255. \ \, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \vdash \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,3} \lor \neg e_{1,4} \lor \neg e_{1$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$$325. \ e_{2,3} \lor t_{\lnot e_{1,2}, \lnot e_{2,3}}, \lnot e_{2,3} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{e_{1,3}, e_{2,3}} \lor t_{\lnot e_{1,2}, \lnot e_{2,3}}$$

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

327.
$$e_{2,3} \lor t_{\lnot e_{1,2}, \lnot e_{2,3}}, \lnot e_{2,3} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{e_{1,3}, e_{2,3}} \lor t_{\lnot e_{1,2}, \lnot e_{2,3}}$$

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

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

$$330. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

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

$$332. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

333.
$$e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$334. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$335. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,5}, \neg e_{2,6}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{2,5} \lor \neg e_{2,6} \lor e_{2,4} \lor e_{2,4} \lor e_{2,5} \lor \neg e_{2,6} \lor e_{2,4} \lor e_{2,5} \lor e_{2,5} \lor e_{2,6} \lor e_{2,6$$

336.
$$e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$337. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$338. \ e_{2,5} \vee \neg e_{2,6} \vee \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,4} \vee t_{\neg e_{1,2}, e_{2,3}} \vee t_{e_{2,5}, \neg e_{2,6}} \vdash \neg e_{2,4} \vee e_{2,5} \vee t_{\neg e_{1,2}, e_{2,3}} \vee \neg e_{2,6} \vee e_{2,6}$$

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

340.
$$e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

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

342.
$$e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

343.
$$e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$344. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$345. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,4} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,5}, \neg e_{2,6}} \vdash \neg e_{2,4} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,5} \lor \neg e_{2,6}$$

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

$$347. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

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

$$349. \ e_{2,5} \vee \neg e_{2,6} \vee \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \vee t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,6} \vee \neg t_{e_{2,5}, \neg e_{2,6}}$$

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

351.
$$e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, e_{2,3}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

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

$$353. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$354. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$355. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, e_{2,3}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$356. \ e_{2,5} \vee \neg e_{2,6} \vee \neg t_{e_{2,5}, \, \neg e_{2,6}}, e_{2,4} \vee t_{e_{1,2}, \, e_{2,3}} \vee t_{e_{2,5}, \, \neg e_{2,6}} \vdash t_{e_{1,2}, \, e_{2,3}} \vee e_{2,5} \vee \neg e_{2,6} \vee e_{2,4} \vee e_{2,5} \vee e_{2,6} \vee e_{2,6}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

389.
$$\neg e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$390. \ \neg e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg t_{e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{2,6}$$

391.
$$\neg e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$392. \ \, \neg e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

393.
$$\neg e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$394. \ \, \neg e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$395. \ \, \neg e_{2,5} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}}, e_{2,5} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}}$$

$$396. \ \, \neg e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg t_{e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{2,6}$$

397.
$$\neg e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$398. \ \, \neg e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$399. \ \, \neg e_{2,5} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}}, e_{2,5} \lor t_{e_{1,2}, \, \neg e_{2,3}} \vdash t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}}$$

$$400. \ \, \neg e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, \, e_{2,6}} \vdash \neg t_{e_{2,5}, \, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{2,6}$$

401.
$$\neg e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

$$402. \ \neg e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg t_{e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{2,6}$$

$$403. \ \, \neg e_{2,5} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}}, e_{2,5} \lor t_{e_{1,2}, \, e_{2,3}} \vdash t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor t_{e_{1,2}, \, e_{2,3}}$$

$$404. \ \, \neg e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

405.
$$\neg e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,5}, \neg e_{2,5}}$$

406.
$$\neg e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,5}, \neg e_{2,5}}$$

$$407. \ \neg e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,5}, \neg e_{2,5}}$$

408.
$$\neg e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,5}, \neg e_{2,5}}$$

$$409. \ \neg e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,5} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$410. \ \neg e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,5} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$411. \ \, \neg e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,5} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$412. \ \neg e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,5} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

413.
$$\neg e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

414.
$$\neg e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

415.
$$\neg e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

416.
$$\neg e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

417.
$$\neg e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

418.
$$\neg e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

419.
$$\neg e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$420. \ \neg e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$421. \ e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5}$$

422.
$$e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}}$$

423.
$$e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$424. \ e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

425.
$$e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$426. \ e_{2,6} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \, \neg e_{2,6}} \vdash e_{2,5} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{e_{2,5}, \, \neg e_{2,6}}$$

$$427. \ e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5}$$

428.
$$e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

429.
$$e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$430. \ e_{2,6} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \, \neg e_{2,6}} \vdash e_{2,5} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{e_{2,5}, \, \neg e_{2,6}}$$

$$431. \ e_{2,6} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor \neg e_{2,5}$$

432.
$$e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$433. \ e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5}$$

434.
$$e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

435.
$$e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

436.
$$e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$437. \ e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$438. \ e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$439. \ e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$440. \ e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

441.
$$e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$442. \ e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

443.
$$e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

444.
$$e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$445. \ e_{2,6} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, \, \neg e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}}$$

$$446. \ e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$447. \ e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

448.
$$e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

449.
$$e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,6}, e_{2,6}}$$

450.
$$e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,6}, e_{2,6}}$$

- 451. $e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,6}, e_{2,6}}$
- 452. $e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,6}, e_{2,6}}$
- $453. \ e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, \neg e_{2,6}} \vdash t_{e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{2,5}, \neg e_{2,6$
- $454. \ e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,5}, e_{2,6}} \vdash t_{e_{2,5}, \neg e_{2,6}} \lor t_{e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$
- $455. \ e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,4} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}} \vdash t_{e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}} \lor t_{\neg e_{2,5}, e_{2,6}} \lor t_{\neg e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}$
- $456. \ e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,4} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{2,5}, \neg e_{2,6}} \vdash t_{e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}$
- $457. \ e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,4} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}} \vdash t_{e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}} \lor t_{\neg e_{2,$
- $458. \ e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,4} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,5}, \neg e_{2,6}} \vdash t_{e_{2,5}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t$
- $459. \ e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,4} \lor t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{2,5}, \neg e_{2,6}} \vdash t_{e_{2,5}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{$
- $460. \ e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,4} \lor t_{e_{1,2}, e_{2,3}} \lor t_{e_{2,5}, e_{2,6}} \vdash t_{e_{2,5}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor t_{e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{2,5}, e_{2,6}} \lor t_{\neg e_{2,5}, e_{2,6}} \lor t_$
- $461. \ e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,5}, \neg e_{2,6}}, \neg e_{1,4} \lor \neg e_{2,4} \lor \neg t_{\neg e_{1,4}, \neg e_{2,4}} \vdash t_{e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,4}, \neg e_{2,4}} \lor \neg e_{1,4}, \neg e_{2,4} \lor \neg e_{2,$
- $462. \ \ e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,5}, \neg e_{2,6}}, \neg e_{1,4} \lor \neg e_{2,4} \lor \neg t_{\neg e_{1,4}, \neg e_{2,4}} \vdash t_{e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,4}, \neg e_{2,4}} \lor \neg e_{1,4} \lor \neg e_{1,4}, \neg e_{2,4} \lor \neg e_{1,4}, \neg e_{2,4} \lor \neg e_{2$
- $463. \ e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,5}, \neg e_{2,6}}, \neg e_{1,4} \lor \neg e_{2,4} \lor \neg t_{\neg e_{1,4}, \neg e_{2,4}} \vdash t_{e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,4}, \neg e_{2,4}} \lor \neg e_{1,4}, \neg e_{2,4} \lor \neg e_{2,$
- $464. \ e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,5}, \neg e_{2,6}}, \neg e_{1,4} \lor \neg e_{2,4} \lor \neg t_{\neg e_{1,4}, \neg e_{2,4}} \vdash t_{e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,4}, \neg e_{2,4}} \lor \neg e_{1,4}, \neg e_{2,4} \lor \neg e_{2,$
- $465. \ e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,4} \lor t_{\neg e_{1,4}, e_{2,4}} \vdash t_{e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,4}, e_{2,4}}$
- $466. \ e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,4} \lor t_{\neg e_{1,4}, e_{2,4}} \vdash t_{e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,4}, e_{2,4}}$
- $467. \ e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,4} \lor t_{\neg e_{1,4}, e_{2,4}} \vdash t_{e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,4}, e_{2,4}}$
- $468. \ e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,4} \lor t_{\neg e_{1,4}, e_{2,4}} \vdash t_{e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,4}, e_{2,4}}$
- $469. \ \ e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,5}, \neg e_{2,6}}, e_{1,4} \lor \neg e_{2,4} \lor \neg t_{e_{1,4}, \neg e_{2,4}} \vdash t_{e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,4}, \neg e_{2,4}} \lor e_{1,4}$
- $470. \ e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,5}, \neg e_{2,6}}, e_{1,4} \lor \neg e_{2,4} \lor \neg t_{e_{1,4}, \neg e_{2,4}} \vdash t_{e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,4}, \neg e_{2,4}} \lor e_{1,4}$
- $471. \ e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,5}, \neg e_{2,6}}, e_{1,4} \lor \neg e_{2,4} \lor \neg t_{e_{1,4}, \neg e_{2,4}} \vdash t_{e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,4}, \neg e_{2,4}} \lor e_{1,4}$
- $472. \ e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,5}, \neg e_{2,6}}, e_{1,4} \lor \neg e_{2,4} \lor \neg t_{e_{1,4}, \neg e_{2,4}} \vdash t_{e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,4}, \neg e_{2,4}} \lor e_{1,4}$
- $473. \ e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,4} \lor t_{e_{1,4}, e_{2,4}} \vdash t_{e_{1,4}, e_{2,4}} \lor t_{e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$
- $474. \ e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,4} \lor t_{e_{1,4}, e_{2,4}} \vdash t_{e_{1,4}, e_{2,4}} \lor t_{e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$
- $475. \ e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,4} \lor t_{e_{1,4}, e_{2,4}} \vdash t_{e_{1,4}, e_{2,4}} \lor t_{e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$
- $476. \ e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,4} \lor t_{e_{1,4}, e_{2,4}} \vdash t_{e_{1,4}, e_{2,4}} \lor t_{e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$
- $477. \ \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, e_{1,2} \lor e_{1,3} \lor \neg t_{e_{1,2}, \, e_{1,3}} \vdash \neg t_{e_{1,2}, \, e_{1,3}} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,3} \lor e_{2,3}$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

501.
$$\neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{1,2} \lor e_{2,5} \lor e_{2,3}$$

$$502. \ \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash \neg e_{1,2} \lor e_{2,3} \lor \neg e_{2,6}$$

$$503. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{2,5},\, e_{2,6}} \vdash \neg e_{1,2} \lor \neg e_{2,4} \lor t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,3}$$

504.
$$\neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{1,2} \lor \neg e_{2,5} \lor e_{2,3}$$

$$505. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, e_{2,6} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg e_{1,2} \lor e_{2,3} \lor e_{2,6}$$

$$506. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{2,5},\, \neg e_{2,6}} \vdash \neg e_{1,2} \lor t_{e_{2,5},\, \neg e_{2,6}} \lor \neg e_{2,4} \lor e_{2,3}$$

507.
$$\neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{1,2} \lor e_{2,5} \lor e_{2,3}$$

508.
$$\neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{1,2} \lor e_{2,3} \lor e_{2,6}$$

$$509. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{2,5},\, \neg e_{2,6}} \vdash \neg e_{1,2} \lor t_{\neg e_{2,5},\, \neg e_{2,6}} \lor e_{2,3} \lor e_{2,4} \lor e_{2,4} \lor e_{2,5}, e_{2,6} \lor e_$$

$$510. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg e_{1,2} \lor \neg e_{2,5} \lor e_{2,3}$$

$$511. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{2,6} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg e_{1,2} \lor e_{2,3} \lor \neg e_{2,6}$$

$$512. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{2,5},\, e_{2,6}} \vdash \neg e_{1,2} \lor t_{e_{2,5},\, e_{2,6}} \lor e_{2,3} \lor e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,4} \lor e_{2,5}, e_{2,6} \lor e_{2,5} \lor e_{2,6} \lor e_{2$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$$602. \ \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}}, e_{2,5} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}} \lor e_{2,6}$$

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

$$604. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$$

$$605. \ \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}}, e_{2,5} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}} \lor e_{2,6}$$

$$606. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$$

$$607. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{2,4} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{2,5},\, e_{2,6}} \vdash t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,5} \lor e_{2,6} \lor e_{2,4} \lor e_{2,6} \lor e_{2,4} \lor e_{2,6} \lor e$$

$$608. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$609. \ \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash \neg e_{2,5} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}}$$

$$610. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, \neg e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{2,5},\, e_{2,6}} \vdash \neg e_{2,4} \lor \neg e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,6}$$

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

612.
$$\neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}}, e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

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

$$614. \ \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash \neg e_{2,5} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}}$$

$$615. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{2,5} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$616. \ \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}}$$

$$617. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, \neg e_{2,4} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{2,5},\, e_{2,6}} \vdash \neg e_{2,4} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,5} \lor e_{2,6}$$

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

$$619. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{2,5} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

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

621.
$$\neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}}$$

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

623.
$$\neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}}, e_{2,5} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

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

$$625. \ \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2}, \, e_{2,3}} \vdash t_{e_{1,2}, \, e_{2,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}}$$

$$626. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{2,5} \lor t_{e_{1,2},\, e_{2,3}} \vdash t_{e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$627. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2},\, e_{2,3}} \vdash t_{e_{1,2},\, e_{2,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$$

$$628. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{2,4} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{2,5},\, e_{2,6}} \vdash t_{e_{1,2},\, e_{2,3}} \lor \neg e_{2,5} \lor e_{2,6} \lor e_{2,4}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$$661. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{2,6}$$

662.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

663.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

664.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$665. \ e_{2,5} \lor t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}} \vdash t_{\neg e_{1,2}, \, e_{2,3}} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}} \lor e_{2,6}$$

666.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}}$$

$$667. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{2,6}$$

668.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}}$$

669.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

670.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$671. \ e_{2,5} \lor t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor \neg e_{2,6}$$

672.
$$e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}}$$

$$673. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{2,6}$$

674.
$$e_{2,5} \lor t_{\lnot e_{1,2},\, e_{2,3}}, \lnot e_{2,5} \lor t_{e_{1,2},\, e_{2,3}} \vdash t_{\lnot e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}}$$

675.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

676.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

$$677. \ e_{2,5} \lor t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{1,5} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,5}, \, \neg e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor t_{\neg e_{1,2}, \, e_{2,3}}$$

678.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,5} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$679. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,5} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$680. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,5} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

681.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,5}, e_{2,5}}$$

682.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,5}, e_{2,5}}$$

683.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,5}, e_{2,5}}$$

684.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,5}, e_{2,5}}$$

$$685. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}}, e_{1,5} \lor \neg e_{2,5} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \vdash e_{1,5} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$686. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}}, e_{1,5} \lor \neg e_{2,5} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \vdash e_{1,5} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$687. \ e_{2,5} \lor t_{\neg e_{1,2}, \, e_{2,3}}, e_{1,5} \lor \neg e_{2,5} \lor \neg t_{e_{1,5}, \, \neg e_{2,5}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \, \neg e_{2,5}} \lor t_{\neg e_{1,2}, \, e_{2,3}}$$

$$688. \ e_{2,5} \lor t_{\lnot e_{1,2},\, e_{2,3}}, e_{1,5} \lor \lnot e_{2,5} \lor \lnot t_{e_{1,5},\, \lnot e_{2,5}} \vdash e_{1,5} \lor \lnot t_{e_{1,5},\, \lnot e_{2,5}} \lor t_{\lnot e_{1,2},\, e_{2,3}}$$

$$689. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,5},\, e_{2,5}} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,5},\, e_{2,5}}$$

690.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,5}, e_{2,5}}$$

691.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,5}, e_{2,5}}$$

692.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,5}, e_{2,5}}$$

693.
$$\neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

694.
$$\neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg t_{e_{2,5}, e_{2,6}} \lor e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$695. \ \neg e_{2,6} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \vdash \neg e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$$

696.
$$\neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$697. \ \, \neg e_{2,6} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \vdash \neg e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$$

698.
$$\neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}}$$

699.
$$\neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}}$$

700.
$$\neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg t_{e_{2,5}, e_{2,6}} \lor e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$701. \ \, \neg e_{2,6} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \vdash \neg e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$$

702.
$$\neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

703.
$$\neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

704.
$$\neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg t_{e_{2,5}, e_{2,6}} \lor e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}$$

705.
$$\neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

706.
$$\neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg t_{e_{2,5}, e_{2,6}} \lor e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}$$

707.
$$\neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash \neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{2,5}, e_{2,6}}$$

708.
$$\neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

709.
$$\neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

710.
$$\neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

711.
$$\neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

712.
$$\neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

713.
$$\neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

714.
$$\neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

715.
$$\neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

$$716. \ \, \neg e_{2,6} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash \neg e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

717.
$$\neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,6}, \neg e_{2,6}}$$

718.
$$\neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,6}, \neg e_{2,6}}$$

719.
$$\neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,6}, \neg e_{2,6}}$$

720.
$$\neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,6}, \neg e_{2,6}}$$

- 721. $\neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}}$
- 722. $\neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}}$
- 723. $\neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}}$
- 724. $\neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}}$
- 725. $\neg e_{2,4} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}}, e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}} \vdash t_{\neg e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$
- $726. \ \neg e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{2,5},\, e_{2,6}}, e_{2,4} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{e_{2,5},\, \neg e_{2,6}} \vdash t_{e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{2,5},\, e_{2,6}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,$
- $727. \ \neg e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{2,5},\, e_{2,6}}, e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{2,5},\, \neg e_{2,6}} \vdash t_{\neg e_{2,5},\, e_{2,6}} \lor t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}}$
- $728. \ \, \neg e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{2,5},\, e_{2,6}}, e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{2,5},\, e_{2,6}} \vdash t_{\neg e_{2,5},\, e_{2,6}} \lor t_{e_{2,5},\, e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{2,5},\, e_{2,6}} \lor t_{\neg e_{2,5},\,$
- $729. \ \neg e_{2,4} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}}, e_{2,4} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, \neg e_{2,6}} \vdash t_{\neg e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{\neg$
- $730. \ \neg e_{2,4} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{2,5}, \, e_{2,6}}, e_{2,4} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{e_{2,5}, \, e_{2,6}} \vdash t_{\neg e_{2,5}, \, e_{2,6}} \lor t_{e_{2,5}, \, e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3$
- 731. $\neg e_{2,4} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}}, e_{2,4} \lor t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}} \vdash t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}}$
- $732. \ \neg e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{2,5},\, e_{2,6}}, e_{2,4} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{e_{2,5},\, \neg e_{2,6}} \vdash t_{e_{2,5},\, \neg e_{2,6}} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{2,5},\, e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{2,5},\, e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{2,5},\, e_{2,6}} \lor t_{\neg e_{2,5},\, e_{$
- 733. $\neg e_{2,4} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}}, e_{2,4} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \vdash t_{\neg e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{1,2}, e_{2,3}}$
- 734. $\neg e_{2,4} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}}, e_{2,4} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \vdash t_{\neg e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{1,2}, e_{2,3}}$
- 735. $\neg e_{2,4} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}}, e_{2,4} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \vdash t_{\neg e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{1,2}, e_{2,3}}$
- 736. $\neg e_{2,4} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}}, e_{2,4} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \vdash t_{\neg e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{1,2}, e_{2,3}}$
- $737. \ \, \neg e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{2,5},\, e_{2,6}}, \neg e_{1,4} \lor e_{2,4} \lor \neg t_{\neg e_{1,4},\, e_{2,4}} \vdash \neg t_{\neg e_{1,4},\, e_{2,4}} \lor t_{\neg e_{2,5},\, e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{1,4} \lor e_{2,4} \lor \neg e_{2,$
- $738. \ \neg e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{2,5},\, e_{2,6}}, \neg e_{1,4} \lor e_{2,4} \lor \neg t_{\neg e_{1,4},\, e_{2,4}} \vdash \neg t_{\neg e_{1,4},\, e_{2,4}} \lor t_{\neg e_{2,5},\, e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{1,4} \lor e_{2,4} \lor \neg t_{\neg e_{1,4},\, e_{2,4}} \lor t_{\neg e_{2,5},\, e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{1,4} \lor e_{2,4} \lor \neg e_$
- $739. \ \, \neg e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{2,5},\, e_{2,6}}, \neg e_{1,4} \lor e_{2,4} \lor \neg t_{\neg e_{1,4},\, e_{2,4}} \vdash \neg t_{\neg e_{1,4},\, e_{2,4}} \lor t_{\neg e_{2,5},\, e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{1,4} \lor e_{2,4} \lor \neg e_{2,$
- $740. \ \neg e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{2,5},\, e_{2,6}}, \neg e_{1,4} \lor e_{2,4} \lor \neg t_{\neg e_{1,4},\, e_{2,4}} \vdash \neg t_{\neg e_{1,4},\, e_{2,4}} \lor t_{\neg e_{2,5},\, e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{1,4}$
- 741. $\neg e_{2,4} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}}, e_{2,4} \lor t_{e_{1,4}, \neg e_{2,4}} \vdash t_{e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}}$
- 742. $\neg e_{2,4} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}}, e_{2,4} \lor t_{e_{1,4}, \neg e_{2,4}} \vdash t_{e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}}$
- 743. $\neg e_{2,4} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}}, e_{2,4} \lor t_{e_{1,4}, \neg e_{2,4}} \vdash t_{e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}}$
- 744. $\neg e_{2,4} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}}, e_{2,4} \lor t_{e_{1,4}, \neg e_{2,4}} \vdash t_{e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}}$
- $745. \ \neg e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{2,5},\, e_{2,6}}, e_{1,4} \lor e_{2,4} \lor \neg t_{e_{1,4},\, e_{2,4}} \vdash t_{\neg e_{2,5},\, e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{e_{1,4},\, e_{2,4}} \lor e_{1,4}$
- $746. \ \, \neg e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{2,5},\, e_{2,6}}, e_{1,4} \lor e_{2,4} \lor \neg t_{e_{1,4},\, e_{2,4}} \vdash t_{\neg e_{2,5},\, e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{e_{1,4},\, e_{2,4}} \lor e_{1,4}$
- $747. \ \, \neg e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{2,5},\, e_{2,6}}, e_{1,4} \lor e_{2,4} \lor \neg t_{e_{1,4},\, e_{2,4}} \vdash t_{\neg e_{2,5},\, e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{e_{1,4},\, e_{2,4}} \lor e_{1,4}$

748.
$$\neg e_{2,4} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}}, e_{1,4} \lor e_{2,4} \lor \neg t_{e_{1,4}, e_{2,4}} \vdash t_{\neg e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{1,4}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

773.
$$\neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{1,2} \lor e_{2,5} \lor e_{2,3}$$

774.
$$\neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{1,2} \lor e_{2,3} \lor \neg e_{2,6}$$

775.
$$\neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,4} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}} \vdash \neg e_{1,2} \lor \neg e_{2,4} \lor t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,3}$$

776.
$$\neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{1,2} \lor \neg e_{2,5} \lor e_{2,3}$$

777.
$$\neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{1,2} \lor e_{2,3} \lor e_{2,6}$$

$$778. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{2,5},\, \neg e_{2,6}} \vdash \neg e_{1,2} \lor t_{e_{2,5},\, \neg e_{2,6}} \lor \neg e_{2,4} \lor e_{2,3}$$

779.
$$\neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{1,2} \lor e_{2,5} \lor e_{2,3}$$

780.
$$\neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{1,2} \lor e_{2,3} \lor e_{2,6}$$

$$781. \ \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, e_{2,4} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{2,5}, \, \neg e_{2,6}} \vdash \neg e_{1,2} \lor t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor e_{2,3} \lor e_{2,4} \lor e_{2,4} \lor e_{2,5}, e_{2,6} \lor e$$

782.
$$\neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{1,2} \lor \neg e_{2,5} \lor e_{2,3}$$

783.
$$\neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{1,2} \lor e_{2,3} \lor \neg e_{2,6}$$

$$784. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{2,5},\, e_{2,6}} \vdash \neg e_{1,2} \lor t_{e_{2,5},\, e_{2,6}} \lor e_{2,3} \lor e_{2,4} \lor e_{2,4} \lor e_{2,5}, e_{2,6} \lor e_{2,6} \lor$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$$801. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, e_{1,3} \lor \neg e_{2,3} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}$$

$$802. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, e_{1,3} \lor \neg e_{2,3} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}$$

$$803. \ \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, e_{1,3} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \, \neg e_{2,3}} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor \neg t_{e_{1,3}, \, \neg e_{2,3}} \lor e_{1,3}$$

$$804. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, e_{1,3} \lor \neg e_{2,3} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}$$

$$805. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,3},\, e_{2,3}} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,3},\, e_{2,3}}$$

806.
$$\neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,3}, e_{2,3}} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,3}, e_{2,3}}$$

$$807. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,3},\, e_{2,3}} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,3},\, e_{2,3}}$$

$$808. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,3},\, e_{2,3}} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,3},\, e_{2,3}}$$

809.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, e_{1,3}}$$

810.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, e_{1,3}}$$

811.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, e_{1,3}}$$

812.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, e_{1,3}}$$

813.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

814.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

815.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

816.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$817. \ e_{1,2} \lor t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{1,2} \lor e_{1,3} \lor \neg t_{\neg e_{1,2}, \, e_{1,3}} \vdash \neg t_{\neg e_{1,2}, \, e_{1,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,3}$$

818.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor e_{1,3} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \vdash \neg t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}$$

819.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor e_{1,3} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \vdash \neg t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}$$

$$820. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,2} \lor e_{1,3} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \vdash \neg t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}$$

821.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

822.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$823. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$824. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$825. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash \neg e_{2,3} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{$$

826.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$827. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash \neg e_{2,3} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$828. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash \neg e_{2,3} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$829. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,3}$$

830.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,3}$$

831.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,3}$$

832.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,3}$$

833.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

834.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

835.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

836.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

837.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

838.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

839.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

840.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

841.
$$\neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

842.
$$\neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

843.
$$\neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

844.
$$\neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$845. \ \, \neg e_{2,3} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1$$

$$846. \ \neg e_{2,3} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$847. \ \, \neg e_{2,3} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$848. \ \, \neg e_{2,3} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1$$

849.
$$\neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$850. \ \, \neg e_{2,3} \lor t_{\neg e_{1,2},\, e_{2,3}}, e_{2,3} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}}$$

851.
$$\neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

852.
$$\neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

853.
$$\neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}$$

$$854. \ \, \neg e_{2,3} \lor t_{\neg e_{1,2},\, e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\, e_{2,3}} \vdash \neg t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}$$

855.
$$\neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}$$

856.
$$\neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}$$

857.
$$\neg e_{2,3} \lor t_{\neg e_{1,2},\, e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,3},\, \neg e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,3},\, \neg e_{2,3}}$$

$$858. \ \, \neg e_{2,3} \lor t_{\neg e_{1,2},\, e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,3},\, \neg e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,3},\, \neg e_{2,3}}$$

$$859. \ \neg e_{2,3} \lor t_{\neg e_{1,2},\, e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,3},\, \neg e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,3},\, \neg e_{2,3}}$$

860.
$$\neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}}$$

$$861. \ \, \neg e_{2,3} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$862. \ \, \neg e_{2,3} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$863. \ \, \neg e_{2,3} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

864.
$$\neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$865. \ \, \neg e_{2,3} \lor t_{\neg e_{1,2},\, e_{2,3}}, e_{2,3} \lor t_{e_{1,3},\, \neg e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,3},\, \neg e_{2,3}}$$

866.
$$\neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}}$$

867.
$$\neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}}$$

868.
$$\neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}}$$

869.
$$\neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{1,3} \lor e_{2,3} \lor \neg t_{e_{1,3}, e_{2,3}} \vdash \neg t_{e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}$$

$$870. \ \, \neg e_{2,3} \lor t_{\neg e_{1,2},\, e_{2,3}}, e_{1,3} \lor e_{2,3} \lor \neg t_{e_{1,3},\, e_{2,3}} \vdash \neg t_{e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}$$

$$871. \ \, \neg e_{2,3} \lor t_{\neg e_{1,2},\, e_{2,3}}, e_{1,3} \lor e_{2,3} \lor \neg t_{e_{1,3},\, e_{2,3}} \vdash \neg t_{e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}$$

872.
$$\neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{1,3} \lor e_{2,3} \lor \neg t_{e_{1,3}, e_{2,3}} \vdash \neg t_{e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}$$

$$873. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg t_{\neg e_{2,$$

$$874. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$875. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg t_{e_{2,5}, e_{2,6}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

876.
$$e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$877. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$878. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$879. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,5}, \neg e_{2,6}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{2,5} \lor \neg e_{2,6} \lor e_{2,4}$$

$$880. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$881. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$882. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,4} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{2,5}, \neg e_{2,6}} \vdash \neg e_{2,4} \lor e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{2,6}$$

$$883. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg t_{\neg e_{2,$$

$$884. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$885. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg t_{e_{2,5}, e_{2,6}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$886. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$887. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$888. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$889. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,4} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,5}, \neg e_{2,6}} \vdash \neg e_{2,4} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,5} \lor \neg e_{2,6}$$

$$890. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg t_{\neg e_{2,$$

891.
$$e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$892. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg t_{e_{2,5}, e_{2,6}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$893. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$894. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e_{2,6$$

895.
$$e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, e_{2,3}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$896. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg t_{e_{2,5}, e_{2,6}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$897. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$898. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$899. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, e_{2,3}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

900.
$$e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,4} \lor t_{e_{1,2}, e_{2,3}} \lor t_{e_{2,5}, \neg e_{2,6}} \vdash t_{e_{1,2}, e_{2,3}} \lor e_{2,5} \lor \neg e_{2,6} \lor e_{2,4}$$

$$901. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{1,5} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor$$

$$902. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{1,5} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e_{2,6$$

$$903. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{1,5} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor$$

$$904. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{1,5} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e_{2,6$$

$$905. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash \neg e_{2,6} \lor t_{\neg e_{1,5}, e_{2,5}} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$906. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash \neg e_{2,6} \lor t_{\neg e_{1,5}, e_{2,5}} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

907.
$$e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash \neg e_{2,6} \lor t_{\neg e_{1,5}, e_{2,5}} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

908.
$$e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash \neg e_{2,6} \lor t_{\neg e_{1,5}, e_{2,5}} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$909. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{1,5} \lor \neg e_{2,5} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$910. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{1,5} \lor \neg e_{2,5} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{1,5} \lor \neg e_{2,6} \lor \neg e_{2,$$

$$911. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{1,5} \lor \neg e_{2,5} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e_$$

$$912. \ \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{1,5} \lor \neg e_{2,5} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg$$

$$913. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{e_{1,5}, e_{2,5}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$914. \ \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{e_{1,5}, e_{2,5}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

915.
$$e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{e_{1,5}, e_{2,5}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

916.
$$e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{e_{1,5}, e_{2,5}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$917. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash e_{2,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$918. \ e_{2,5} \vee \neg e_{2,6} \vee \neg t_{e_{2,5},\, \neg e_{2,6}}, e_{2,6} \vee t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash e_{2,5} \vee t_{\neg e_{1,6},\, \neg e_{2,6}} \vee \neg t_{e_{2,5},\, \neg e_{2,6}}$$

$$919. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash e_{2,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$920. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash e_{2,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$921. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg t_{e_{2,5}, \, \neg e_{2,6}} \lor \neg$$

$$922. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor \neg$$

$$923. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$924. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor \neg t_{e_{2,5}, \neg e$$

925.
$$e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

926.
$$e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

927.
$$e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$928. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$929. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,5} \lor \neg$$

930.
$$e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$931. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$932. \ e_{2,5} \vee \neg e_{2,6} \vee \neg t_{e_{2,5}, \neg e_{2,6}}, e_{1,6} \vee e_{2,6} \vee \neg t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \vee e_{1,6} \vee e_{2,5} \vee \neg t_{e_{2,5}, \neg e_{2,6}}$$

933.
$$\neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

934.
$$\neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg t_{e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,6}$$

935.
$$\neg e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}}, e_{2,5} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}}$$

936.
$$\neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

937.
$$\neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}}$$

$$938. \ \, \neg e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\, \neg e_{2,6}}$$

939.
$$\neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}}$$

940.
$$\neg e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}} \vdash \neg t_{e_{2,5},\, e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,6}$$

941.
$$\neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$942. \ \, \neg e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\, \neg e_{2,6}}$$

943.
$$\neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

944.
$$\neg e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}} \vdash \neg t_{e_{2,5},\, e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,6}$$

945.
$$\neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,5} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

946.
$$\neg e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}} \vdash \neg t_{e_{2,5},\, e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,6}$$

947.
$$\neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,5} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

948.
$$\neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

949.
$$\neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,5} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,5}, \neg e_{2,5}}$$

950.
$$\neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,5} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,5}, \neg e_{2,5}}$$

951.
$$\neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,5} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,5}, \neg e_{2,5}}$$

952.
$$\neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,5} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,5}, \neg e_{2,5}}$$

953.
$$\neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,5} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$954. \ \, \neg e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,5} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$955. \ \, \neg e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,5} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

956.
$$\neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,5} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

957.
$$\neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,5} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,5}, \neg e_{2,5}}$$

958.
$$\neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,5} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,5}, \neg e_{2,5}}$$

959.
$$\neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,5} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,5}, \neg e_{2,5}}$$

960.
$$\neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,5} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,5}, \neg e_{2,5}}$$

961.
$$\neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

962.
$$\neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

963.
$$\neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

964.
$$\neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

965.
$$e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}$$

966.
$$e_{2,6} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{2,6} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}}$$

967.
$$e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

968.
$$e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

969.
$$e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}}$$

970.
$$e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

971.
$$e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}$$

972.
$$e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}}$$

973.
$$e_{2,6} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}}$$

$$974. \ e_{2,6} \lor t_{\neg e_{1,2},\, e_{2,3}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \vdash e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{e_{2,5},\, \neg e_{2,6}}$$

975.
$$e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}$$

976.
$$e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$977. \ e_{2,6} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

978.
$$e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

979.
$$e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

980.
$$e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

981.
$$e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$982. \ e_{2,6} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

983.
$$e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

984.
$$e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

985.
$$e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

986.
$$e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

987.
$$e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

988.
$$e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

989.
$$e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}}$$

990.
$$e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}}$$

991.
$$e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}}$$

992.
$$e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}}$$

993.
$$e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,6}, e_{2,6}}$$

994.
$$e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,6}, e_{2,6}}$$

995.
$$e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,6}, e_{2,6}}$$

996.
$$e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,6}, e_{2,6}}$$

$$997. \ \neg e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{2,5},\, \neg e_{2,6}}, e_{2,4} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{2,5},\, e_{2,6}} \vdash t_{e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{2,5},\, e_{2,6}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,$$

$$998. \ \, \neg e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{2,5},\, \neg e_{2,6}}, e_{2,4} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{e_{2,5},\, \neg e_{2,6}} \vdash t_{e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_$$

$$999. \ \, \neg e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{2,5},\, \neg e_{2,6}}, e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{2,5},\, \neg e_{2,6}} \vdash t_{e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$1000. \ \, \neg e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{2,5},\, \neg e_{2,6}}, e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{2,5},\, e_{2,6}} \vdash t_{e_{2,5},\, \neg e_{2,6}} \lor t_{e_{2,5},\, e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\,$$

$$1001. \ \, \neg e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{2,5},\, \neg e_{2,6}}, e_{2,4} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{2,5},\, \neg e_{2,6}} \vdash t_{e_{2,5},\, \neg e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{2,$$

$$1002. \ \, \neg e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{2,5},\, \neg e_{2,6}}, e_{2,4} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{2,5},\, e_{2,6}} \vdash t_{e_{2,5},\, \neg e_{2,6}} \lor t_{e_{2,5},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\,$$

$$1003. \ \, \neg e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{2,5},\, \neg e_{2,6}}, e_{2,4} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{2,5},\, e_{2,6}} \vdash t_{e_{2,5},\, \neg e_{2,6}} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{2,5},\, e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\,$$

$$1004. \ \, \neg e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{2,5},\, \neg e_{2,6}}, e_{2,4} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{e_{2,5},\, \neg e_{2,6}} \vdash t_{e_{2,5},\, \neg e_{2,6}} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\,$$

$$1005. \ \, \neg e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{2,5},\, \neg e_{2,6}}, e_{2,4} \lor t_{\neg e_{1,4},\, \neg e_{2,4}} \vdash t_{e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,4},\, \neg e_{2,4}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$1006. \ \, \neg e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{2,5},\, \neg e_{2,6}}, e_{2,4} \lor t_{\neg e_{1,4},\, \neg e_{2,4}} \vdash t_{e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,4},\, \neg e_{2,4}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$1007. \ \neg e_{2,4} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{e_{2,5}, \, \neg e_{2,6}}, e_{2,4} \lor t_{\neg e_{1,4}, \, \neg e_{2,4}} \vdash t_{e_{2,5}, \, \neg e_{2,6}} \lor t_{\neg e_{1,4}, \, \neg e_{2,4}} \lor t_{\neg e_{1,2}, \, e_{2,3}}$$

$$1008. \ \neg e_{2,4} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{e_{2,5}, \, \neg e_{2,6}}, e_{2,4} \lor t_{\neg e_{1,4}, \, \neg e_{2,4}} \vdash t_{e_{2,5}, \, \neg e_{2,6}} \lor t_{\neg e_{1,4}, \, \neg e_{2,4}} \lor t_{\neg e_{1,2}, \, e_{2,3}}$$

$$1009. \ \, \neg e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{2,5},\, \neg e_{2,6}}, \neg e_{1,4} \lor e_{2,4} \lor \neg t_{\neg e_{1,4},\, e_{2,4}} \vdash t_{e_{2,5},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,4},\, e_{2,4}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{1,4}$$

$$1010. \ \, \neg e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{2,5},\, \neg e_{2,6}}, \neg e_{1,4} \lor e_{2,4} \lor \neg t_{\neg e_{1,4},\, e_{2,4}} \vdash t_{e_{2,5},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,4},\, e_{2,4}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{1,4}$$

$$1011. \ \, \neg e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{2,5},\, \neg e_{2,6}}, \neg e_{1,4} \lor e_{2,4} \lor \neg t_{\neg e_{1,4},\, e_{2,4}} \vdash t_{e_{2,5},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,4},\, e_{2,4}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{1,4}$$

$$1012. \ \, \neg e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{2,5},\, \neg e_{2,6}}, \neg e_{1,4} \lor e_{2,4} \lor \neg t_{\neg e_{1,4},\, e_{2,4}} \vdash t_{e_{2,5},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,4},\, e_{2,4}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{1,4}$$

$$1013. \ \, \neg e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{2,5},\, \neg e_{2,6}}, e_{2,4} \lor t_{e_{1,4},\, \neg e_{2,4}} \vdash t_{e_{1,4},\, \neg e_{2,4}} \lor t_{e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$1014. \ \, \neg e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{2,5},\, \neg e_{2,6}}, e_{2,4} \lor t_{e_{1,4},\, \neg e_{2,4}} \vdash t_{e_{1,4},\, \neg e_{2,4}} \lor t_{e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$1015. \ \neg e_{2,4} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{2,5}, \neg e_{2,6}}, e_{2,4} \lor t_{e_{1,4}, \neg e_{2,4}} \vdash t_{e_{1,4}, \neg e_{2,4}} \lor t_{e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$1016. \ \neg e_{2,4} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{e_{2,5}, \, \neg e_{2,6}}, e_{2,4} \lor t_{e_{1,4}, \, \neg e_{2,4}} \vdash t_{e_{1,4}, \, \neg e_{2,4}} \lor t_{e_{2,5}, \, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \, e_{2,3}}$$

$$1017. \ \, \neg e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{2,5},\, \neg e_{2,6}}, e_{1,4} \lor e_{2,4} \lor \neg t_{e_{1,4},\, e_{2,4}} \vdash t_{e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{e_{1,4},\, e_{2,4}} \lor e_{1,4}$$

$$1018. \ \, \neg e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{2,5},\, \neg e_{2,6}}, e_{1,4} \lor e_{2,4} \lor \neg t_{e_{1,4},\, e_{2,4}} \vdash t_{e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{e_{1,4},\, e_{2,4}} \lor e_{1,4} \lor e_{1,4} \lor e_{1,4} \lor e_{2,4} \lor e_{1,4} \lor e_{2,5}, \neg e_{2,6} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{e_{1,4},\, e_{2,4}} \lor e_{1,4} \lor e_{$$

$$1019. \ \, \neg e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{2,5},\, \neg e_{2,6}}, e_{1,4} \lor e_{2,4} \lor \neg t_{e_{1,4},\, e_{2,4}} \vdash t_{e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{e_{1,4},\, e_{2,4}} \lor e_{1,4} \lor e_{1,4} \lor e_{1,4} \lor e_{2,4} \lor e_{2,4} \lor e_{2,5}, \neg e_{2,6} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{e_{1,4},\, e_{2,4}} \lor e_{1,4} \lor e_{2,5} \lor e_{$$

$$1020. \ \, \neg e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{2,5},\, \neg e_{2,6}}, e_{1,4} \lor e_{2,4} \lor \neg t_{e_{1,4},\, e_{2,4}} \vdash t_{e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{e_{1,4},\, e_{2,4}} \lor e_{1,4}$$

$$1021. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, e_{1,2} \lor e_{1,3} \lor \neg t_{e_{1,2}, \, e_{1,3}} \vdash \neg t_{e_{1,2}, \, e_{1,3}} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,3} \lor e_{2,3}$$

$$1022. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, e_{1,2} \lor e_{1,3} \lor \neg t_{e_{1,2}, \, e_{1,3}} \vdash \neg t_{e_{1,2}, \, e_{1,3}} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,3} \lor e_{2,3}$$

$$1023. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, e_{1,2} \lor e_{1,3} \lor \neg t_{e_{1,2},\, e_{1,3}} \vdash \neg t_{e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3} \lor e_{2,3}$$

$$1024. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, e_{1,2} \lor e_{1,3} \lor \neg t_{e_{1,2}, \, e_{1,3}} \vdash \neg t_{e_{1,2}, \, e_{1,3}} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,3} \lor e_{2,3}$$

$$1025. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,3}$$

$$1026. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,3}$$

$$1027. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,3}$$

$$1028. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,3}$$

$$1029. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,3}$$

$$1030. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,3}$$

$$1031. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,3}$$

$$1032. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,3}$$

$$1033. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{2,3}$$

$$1034. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor e_{2,3}$$

$$1035. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{2,3}$$

$$1036. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{2,3}$$

$$1037. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,$$

$$1038. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor e_{2,3}$$

$$1039. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \, \neg e_{2,3}} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor$$

$$1040. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{2,3}$$

$$1041. \ \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_$$

$$1042. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{2,3}$$

$$1043. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \, \neg e_{2,3}} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor$$

$$1044. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{2,3}$$

1045.
$$\neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{1,2} \lor e_{2,5} \lor e_{2,3}$$

$$1046. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{2,6} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg e_{1,2} \lor e_{2,3} \lor \neg e_{2,6}$$

$$1047. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{2,4} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{2,5}, \, e_{2,6}} \vdash \neg e_{1,2} \lor \neg e_{2,4} \lor t_{\neg e_{2,5}, \, e_{2,6}} \lor e_{2,3}$$

$$1048. \ \, \neg e_{1,2} \vee e_{2,3} \vee \neg t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{2,5} \vee t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg e_{1,2} \vee \neg e_{2,5} \vee e_{2,3}$$

$$1049. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, e_{2,6} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg e_{1,2} \lor e_{2,3} \lor e_{2,6}$$

$$1050. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{2,5},\, \neg e_{2,6}} \vdash \neg e_{1,2} \lor t_{e_{2,5},\, \neg e_{2,6}} \lor \neg e_{2,4} \lor e_{2,3}$$

$$1051. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg e_{1,2} \lor e_{2,5} \lor e_{2,3}$$

1052.
$$\neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{1,2} \lor e_{2,3} \lor e_{2,6}$$

$$1053. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, e_{2,4} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{2,5}, \, \neg e_{2,6}} \vdash \neg e_{1,2} \lor t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor e_{2,3} \lor e_{2,4}$$

$$1054. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg e_{1,2} \lor \neg e_{2,5} \lor e_{2,3}$$

1055.
$$\neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{1,2} \lor e_{2,3} \lor \neg e_{2,6}$$

$$1056. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{2,5},\, e_{2,6}} \vdash \neg e_{1,2} \lor t_{e_{2,5},\, e_{2,6}} \lor e_{2,3} \lor e_{2,4}$$

$$1057. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\, e_{2,3}} \vdash \neg t_{e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,3}$$

$$1058. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,2},\, e_{2,3}} \vdash \neg e_{1,2} \lor t_{e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}$$

$$1059. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\, e_{2,3}} \vdash \neg t_{e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,3}$$

$$1060. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,2},\, e_{2,3}} \vdash \neg e_{1,2} \lor t_{e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}$$

$$1061. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\, e_{2,3}} \vdash \neg t_{e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,3}$$

$$1062. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,2},\, e_{2,3}} \vdash \neg e_{1,2} \lor t_{e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}$$

$$1063. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\, e_{2,3}} \vdash \neg t_{e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,3}$$

$$1064. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,2},\, e_{2,3}} \vdash \neg e_{1,2} \lor t_{e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}$$

$$1065. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \vdash \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor$$

$$1066. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \vdash \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor$$

$$1067. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \vdash \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor$$

$$1068. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \vdash \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor$$

$$1069. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3},\, e_{2,3}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}$$

$$1070. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3},\, e_{2,3}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}$$

$$1071. \ \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}}$$

$$1072. \ \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3},\, e_{2,3}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}$$

$$1073. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, e_{1,3} \lor \neg e_{2,3} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}$$

$$1074. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, e_{1,3} \lor \neg e_{2,3} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}$$

$$1075. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, e_{1,3} \lor \neg e_{2,3} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}$$

$$1076. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, e_{1,3} \lor \neg e_{2,3} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}$$

$$1077. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,3},\, e_{2,3}} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,3},\, e_{2,3}}$$

$$1078. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,3},\, e_{2,3}} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,3},\, e_{2,3}}$$

$$1079. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,3},\, e_{2,3}} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,3},\, e_{2,3}}$$

$$1080. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,3},\, e_{2,3}} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,3},\, e_{2,3}}$$

$$1081. \ e_{1,2} \lor t_{\lnot e_{1,2},\, e_{2,3}}, \lnot e_{1,2} \lor t_{e_{1,2},\, e_{1,3}} \vdash t_{\lnot e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, e_{1,3}}$$

1082.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, e_{1,3}}$$

1083.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, e_{1,3}}$$

1084.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, e_{1,3}}$$

$$1085. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$1086. \ e_{1,2} \lor t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{e_{1,2}, \, \neg e_{1,3}}$$

1087.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

1088.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

1089.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor e_{1,3} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \vdash \neg t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}$$

$$1090. \ \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,2} \lor e_{1,3} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \vdash \neg t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}$$

$$1091. \ \ e_{1,2} \lor t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{1,2} \lor e_{1,3} \lor \neg t_{\neg e_{1,2}, \, e_{1,3}} \vdash \neg t_{\neg e_{1,2}, \, e_{1,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,3}$$

1092.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor e_{1,3} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \vdash \neg t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}$$

$$1093. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$1094. \ \ e_{1,2} \lor t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \, \neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}}$$

$$1095. \ \ e_{1,2} \lor t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \, \neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}}$$

$$1096. \ e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$1097. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash \neg e_{2,3} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_$$

$$1098. \ e_{1,2} \lor t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \, \neg e_{2,3}} \vdash \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{1,2}$$

$$1099. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash \neg e_{2,3} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_$$

1100.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

1101.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,3}$$

1102.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,3}$$

1103.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,3}$$

$$1104. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,3}$$

1105.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

1106.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$1107. \ e_{1,2} \lor t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{e_{1,2}, \, \neg e_{2,3}}$$

1108.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

1109.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

1110.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

1111.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

1112.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

1113.
$$\neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

1114.
$$\neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

1115.
$$\neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

1116.
$$\neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

1117.
$$\neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

1118.
$$\neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

1119.
$$\neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$1120. \ \, \neg e_{2,3} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{$$

1121.
$$\neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

1122.
$$\neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

1123.
$$\neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

1124.
$$\neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

1125.
$$\neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}$$

1126.
$$\neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}$$

$$1127. \ \, \neg e_{2,3} \lor t_{\neg e_{1,2},\, e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\, e_{2,3}} \vdash \neg t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}$$

1128.
$$\neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}$$

1129.
$$\neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}}$$

1130.
$$\neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}}$$

1131.
$$\neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}}$$

1132.
$$\neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}}$$

$$1133. \ \, \neg e_{2,3} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{$$

$$1134. \ \, \neg e_{2,3} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{$$

$$1135. \ \, \neg e_{2,3} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{$$

1136.
$$\neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

1137.
$$\neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}}$$

1138.
$$\neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}}$$

1139.
$$\neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}}$$

$$1140. \ \, \neg e_{2,3} \lor t_{\neg e_{1,2},\, e_{2,3}}, e_{2,3} \lor t_{e_{1,3},\, \neg e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,3},\, \neg e_{2,3}}$$

$$1141. \ \, \neg e_{2,3} \lor t_{\neg e_{1,2},\, e_{2,3}}, e_{1,3} \lor e_{2,3} \lor \neg t_{e_{1,3},\, e_{2,3}} \vdash \neg t_{e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}$$

1142.
$$\neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{1,3} \lor e_{2,3} \lor \neg t_{e_{1,3}, e_{2,3}} \vdash \neg t_{e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}$$

$$1143. \ \, \neg e_{2,3} \lor t_{\neg e_{1,2},\, e_{2,3}}, e_{1,3} \lor e_{2,3} \lor \neg t_{e_{1,3},\, e_{2,3}} \vdash \neg t_{e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}$$

$$1144. \ \, \neg e_{2,3} \lor t_{\neg e_{1,2},\, e_{2,3}}, e_{1,3} \lor e_{2,3} \lor \neg t_{e_{1,3},\, e_{2,3}} \vdash \neg t_{e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}$$

$$1145. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,6}$$

$$1146. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5}$$

$$1147. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, \neg e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, \neg e_{2,6}} \vdash \neg e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \lor \neg e_{2,6}$$

$$1148. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor \neg$$

1149.
$$\neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,6}$$

$$1150. \ \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor \neg t_$$

$$1151. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5}$$

$$1152. \ \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor \neg t_$$

$$1153. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{2,6}$$

$$1154. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \, \neg e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e_{2,6$$

$$1155. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$1156. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{2,6}$$

$$1157. \ \, \neg e_{2,5} \vee \neg e_{2,6} \vee \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,6} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vee \neg e_{2,5} \vee t_{\neg e_{1,2}, e_{2,3}}$$

$$1158. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,4} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{2,5}, \neg e_{2,6}} \vdash \neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{2,6} \lor e_{2,4}$$

$$1159. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \vdash \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor \neg t_{\neg e_{2,$$

$$1160. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \, \neg e_{2,6}}, e_{2,5} \lor t_{e_{1,2}, \, \neg e_{2,3}} \vdash \neg t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg e_{2,6}$$

$$1161. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor \neg$$

$$1162. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5}$$

$$1163. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,6}$$

$$1164. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5}$$

$$1165. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \, \neg e_{2,6}}, e_{2,4} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{2,5}, \, \neg e_{2,6}} \vdash t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg e_{2,5} \lor \neg e_{2,6} \lor e_{2,4}$$

$$1166. \ \, \neg e_{2,5} \vee \neg e_{2,6} \vee \neg t_{\neg e_{2,5}, \, \neg e_{2,6}}, e_{2,5} \vee t_{e_{1,2}, \, e_{2,3}} \vdash \neg t_{\neg e_{2,5}, \, \neg e_{2,6}} \vee t_{e_{1,2}, \, e_{2,3}} \vee \neg e_{2,6}$$

$$1167. \ \, \neg e_{2,5} \vee \neg e_{2,6} \vee \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,6} \vee t_{e_{1,2}, e_{2,3}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vee t_{e_{1,2}, e_{2,3}} \vee \neg e_{2,5}$$

$$1168. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, \neg e_{2,4} \lor t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{2,5}, \neg e_{2,6}} \vdash \neg e_{2,4} \lor t_{e_{1,2}, e_{2,3}} \lor \neg e_{2,5} \lor \neg e_{2,6}$$

$$1169. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor \neg e_{2,5} \lor \neg e_{2,6} \lor \neg e_{2,6} \lor \neg e_{2,5} \lor \neg e_{2,6} \lor \neg e_$$

$$1170. \ \, \neg e_{2,5} \vee \neg e_{2,6} \vee \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,5} \vee t_{e_{1,2}, e_{2,3}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vee t_{e_{1,2}, e_{2,3}} \vee \neg e_{2,6}$$

$$1171. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor \neg$$

$$1172. \ \, \neg e_{2,5} \vee \neg e_{2,6} \vee \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,6} \vee t_{e_{1,2}, \, e_{2,3}} \vdash \neg t_{\neg e_{2,5}, \, \neg e_{2,6}} \vee t_{e_{1,2}, \, e_{2,3}} \vee \neg e_{2,5}$$

$$1173. \ \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,5} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash t_{\neg e_{1,5}, \neg e_{2,5}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$1174. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,5} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash t_{\neg e_{1,5}, \neg e_{2,5}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$1175. \ \, \neg e_{2,5} \vee \neg e_{2,6} \vee \neg t_{\neg e_{2,5}, \, \neg e_{2,6}}, e_{2,5} \vee t_{\neg e_{1,5}, \, \neg e_{2,5}} \vdash t_{\neg e_{1,5}, \, \neg e_{2,5}} \vee \neg t_{\neg e_{2,5}, \, \neg e_{2,6}} \vee \neg e_{2,6} \vee \neg e_{2,6$$

$$1176. \ \, \neg e_{2,5} \vee \neg e_{2,6} \vee \neg t_{\neg e_{2,5}, \, \neg e_{2,6}}, e_{2,5} \vee t_{\neg e_{1,5}, \, \neg e_{2,5}} \vdash t_{\neg e_{1,5}, \, \neg e_{2,5}} \vee \neg t_{\neg e_{2,5}, \, \neg e_{2,6}} \vee \neg e_{2,6} \vee \neg e_{2,6$$

$$1177. \ \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, \neg e_{1,5} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \lor \neg e_{2,6}$$

$$1178. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, \neg e_{1,5} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}$$

$$1179. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, \neg e_{1,5} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \lor \neg e_{2,6}$$

$$1180. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, \neg e_{1,5} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}$$

$$1181. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,5} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e_{2,6$$

$$1182. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,5} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e_{2,6$$

$$1183. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,5} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e_{2,6$$

$$1184. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,5} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e_{2,6$$

$$1185. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg e_{2,6} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg e_{2,6} \lor$$

$$1186. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \, \neg e_{2,6}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5}, \, e_{2,5}} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor \neg t_{e_{1,5}, \, e_{2,5}} \lor \neg e_{2,6} \lor \neg e_$$

$$1187. \ \, \neg e_{2,5} \vee \neg e_{2,6} \vee \neg t_{\neg e_{2,5},\, \neg e_{2,6}}, e_{1,5} \vee e_{2,5} \vee \neg t_{e_{1,5},\, e_{2,5}} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \vee \neg t_{e_{1,5},\, e_{2,5}} \vee \neg e_{2,6} \vee \neg$$

$$1188. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg e_{2,6} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg e_{2,6} \lor$$

$$1189. \ \, \neg e_{2,5} \vee \neg e_{2,6} \vee \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,6} \vee t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vee t_{\neg e_{1,6}, \neg e_{2,6}} \vee \neg e_{2,5}$$

$$1190. \ \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,5}$$

$$1191. \ \, \neg e_{2,5} \vee \neg e_{2,6} \vee \neg t_{\neg e_{2,5}, \, \neg e_{2,6}}, e_{2,6} \vee t_{\neg e_{1,6}, \, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \, \neg e_{2,6}} \vee t_{\neg e_{1,6}, \, \neg e_{2,6}} \vee \neg e_{2,5}$$

$$1192. \ \, \neg e_{2,5} \vee \neg e_{2,6} \vee \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,6} \vee t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vee t_{\neg e_{1,6}, \neg e_{2,6}} \vee \neg e_{2,5}$$

$$1193. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \lor \neg e_{2,6} \lor \neg e_$$

$$1194. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, \neg e_{2,6} \lor \neg e_{$$

$$1195. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

$$1196. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \lor \neg e_{2,6} \lor \neg e_$$

$$1197. \ \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,5}$$

$$1198. \ \, \neg e_{2,5} \vee \neg e_{2,6} \vee \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,6} \vee t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \vee \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vee \neg e_{2,5}$$

$$1199. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,5}$$

$$1200. \ \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,5}$$

$$1201. \ \, \neg e_{2,5} \vee \neg e_{2,6} \vee \neg t_{\neg e_{2,5}, \, \neg e_{2,6}}, e_{1,6} \vee e_{2,6} \vee \neg t_{e_{1,6}, \, e_{2,6}} \vdash \neg t_{e_{1,6}, \, e_{2,6}} \vee \neg t_{\neg e_{2,5}, \, \neg e_{2,6}} \vee e_{1,6} \vee \neg e_{2,5}$$

$$1202. \ \, \neg e_{2,5} \vee \neg e_{2,6} \vee \neg t_{\neg e_{2,5}, \, \neg e_{2,6}}, e_{1,6} \vee e_{2,6} \vee \neg t_{e_{1,6}, \, e_{2,6}} \vdash \neg t_{e_{1,6}, \, e_{2,6}} \vee \neg t_{\neg e_{2,5}, \, \neg e_{2,6}} \vee e_{1,6} \vee \neg e_{2,5}$$

$$1203. \ \, \neg e_{2,5} \vee \neg e_{2,6} \vee \neg t_{\neg e_{2,5}, \, \neg e_{2,6}}, e_{1,6} \vee e_{2,6} \vee \neg t_{e_{1,6}, \, e_{2,6}} \vdash \neg t_{e_{1,6}, \, e_{2,6}} \vee \neg t_{\neg e_{2,5}, \, \neg e_{2,6}} \vee e_{1,6} \vee \neg e_{2,5}$$

$$1204. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$1205. \ \ e_{2,5} \lor t_{\neg e_{1,2}, \ e_{2,3}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \ \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \ \neg e_{2,6}} \lor t_{\neg e_{1,2}, \ e_{2,3}} \lor \neg e_{2,6}$$

1206.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$1207. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$1208. \ \ e_{2,5} \lor t_{\lnot e_{1,2}, \ e_{2,3}}, \lnot e_{2,5} \lor t_{\lnot e_{1,2}, \ \lnot e_{2,3}} \vdash t_{\lnot e_{1,2}, \ e_{2,3}} \lor t_{\lnot e_{1,2}, \ \lnot e_{2,3}}$$

1209.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

1210.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}}$$

$$1211. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{2,6}$$

1212.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}}$$

1213.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

1214.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$1215. \ \ e_{2,5} \lor t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor \neg e_{2,6} \lor \neg e_{2,6}$$

1216.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$1217. \ e_{2,5} \lor t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor \neg e_{2,6}$$

1218.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

1219.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

1220.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

$$1221. \ e_{2,5} \lor t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{1,5} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,5}, \, \neg e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor t_{\neg e_{1,2}, \, e_{2,3}}$$

$$1222. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,5} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$1223. \ e_{2,5} \lor t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{1,5} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,5}, \, \neg e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor t_{\neg e_{1,2}, \, e_{2,3}}$$

1224.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,5} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$1225. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{2,5} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,5},\, e_{2,5}}$$

1226.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,5}, e_{2,5}}$$

1227.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,5}, e_{2,5}}$$

1228.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,5}, e_{2,5}}$$

$$1229. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}}, e_{1,5} \lor \neg e_{2,5} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \vdash e_{1,5} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

1230.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{1,5} \lor \neg e_{2,5} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

1231.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{1,5} \lor \neg e_{2,5} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

1232.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{1,5} \lor \neg e_{2,5} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

1233.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,5}, e_{2,5}}$$

1234.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,5}, e_{2,5}}$$

1235.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,5}, e_{2,5}}$$

1236.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,5}, e_{2,5}}$$

$$1237. \ e_{2,6} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

1238.
$$e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

1239.
$$e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$1240. \ e_{2,6} \lor t_{\neg e_{1,2},\, e_{2,3}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \vdash e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{e_{2,5},\, \neg e_{2,6}}$$

1241.
$$e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}}$$

1242.
$$e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1243. \ e_{2,6} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

1244.
$$e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}}$$

1245.
$$e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$1246. \ e_{2,6} \lor t_{\neg e_{1,2},\, e_{2,3}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \vdash e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{e_{2,5},\, \neg e_{2,6}}$$

$$1247. \ e_{2,6} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

1248.
$$e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$1249. \ e_{2,6} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

1250.
$$e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

1251.
$$e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

$$1252. \ e_{2,6} \lor t_{\neg e_{1,2},\, e_{2,3}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \vdash e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{e_{2,5},\, \neg e_{2,6}}$$

1253.
$$e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$1254. \ e_{2,6} \lor t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \, e_{2,3}}$$

$$1255. \ e_{2,6} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$1256. \ e_{2,6} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

1257.
$$e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

$$1258. \ e_{2,6} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,6},\, e_{2,6}}$$

1259.
$$e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

1260.
$$e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

1261.
$$e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}}$$

1262.
$$e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}}$$

1263.
$$e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$1264. \ \ e_{2,6} \lor t_{\neg e_{1,2},\, e_{2,3}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \vdash \neg t_{e_{1,6},\, \neg e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

1265.
$$e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,6}, e_{2,6}}$$

1266.
$$e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,6}, e_{2,6}}$$

$$1267. \ e_{2,6} \lor t_{\lnot e_{1,2}, \, e_{2,3}}, \lnot e_{2,6} \lor t_{e_{1,6}, \, e_{2,6}} \vdash t_{\lnot e_{1,2}, \, e_{2,3}} \lor t_{e_{1,6}, \, e_{2,6}}$$

1268.
$$e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,6}, e_{2,6}}$$

$$1269. \ e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{2,5},\, \neg e_{2,6}}, \neg e_{2,4} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{2,5},\, \neg e_{2,6}} \vdash t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$1270. \ \ e_{2,4} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{2,5}, \, \neg e_{2,6}}, \neg e_{2,4} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor t_{e_{2,5}, \, e_{2,6}} \vdash t_{e_{2,5}, \, e_{2,6}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor t_{\neg e_$$

$$1271. \ e_{2,4} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{2,5}, \neg e_{2,6}}, \neg e_{2,4} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}} \vdash t_{\neg e_{2,5}, e_{2,6}} \lor t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$1272. \ e_{2,4} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{2,5}, \, \neg e_{2,6}}, \neg e_{2,4} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{e_{2,5}, \, \neg e_{2,6}} \vdash t_{e_{2,5}, \, \neg e_{2,6}} \lor t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \, e_{2,3}}$$

$$1273. \ e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{2,5},\, \neg e_{2,6}}, \neg e_{2,4} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{2,5},\, e_{2,6}} \vdash t_{\neg e_{2,5},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{2,5$$

$$1274. \ \ e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{2,5},\, \neg e_{2,6}}, \neg e_{2,4} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{2,5},\, \neg e_{2,6}} \vdash t_{e_{2,5},\, \neg e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{2$$

$$1275. \ e_{2,4} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{2,5}, \neg e_{2,6}}, \neg e_{2,4} \lor t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{2,5}, \neg e_{2,6}} \vdash t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$1276. \ \ e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{2,5},\, \neg e_{2,6}}, \neg e_{2,4} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{e_{2,5},\, e_{2,6}} \vdash t_{e_{1,2},\, e_{2,3}} \lor t_{e_{2,5},\, e_{2,6}} \lor t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{2,5},\, e_{2,6}} \lor t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{2,5},\, e_{2,6}} \lor t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{2,5},\, e_{2,6}} \lor t_{\neg e_{2,5},$$

$$1277. \ e_{2,4} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{2,5}, \, \neg e_{2,6}}, \neg e_{1,4} \lor \neg e_{2,4} \lor \neg t_{\neg e_{1,4}, \, \neg e_{2,4}} \vdash t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor \neg t_{\neg e_{1,4}, \, \neg e_{2,4}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor \neg e_{1,4} \lor \neg e_{2,4} \lor \neg e_{2,4} \lor \neg e_{2,4} \lor \neg e_{2,5}, \neg e_{2,6} \lor \neg e_{2$$

$$1278. \ e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{2,5},\, \neg e_{2,6}}, \neg e_{1,4} \lor \neg e_{2,4} \lor \neg t_{\neg e_{1,4},\, \neg e_{2,4}} \vdash t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,4},\, \neg e_{2,4}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{1,4} \lor e_{2,4} \lor e_{2,5}, \neg e_{2,6} \lor \neg e_$$

$$1279. \ \ e_{2,4} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{2,5}, \, \neg e_{2,6}}, \neg e_{1,4} \lor \neg e_{2,4} \lor \neg t_{\neg e_{1,4}, \, \neg e_{2,4}} \vdash t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor \neg t_{\neg e_{1,4}, \, \neg e_{2,4}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor \neg e_{1,4}$$

$$1280. \ e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{2,5},\, \neg e_{2,6}}, \neg e_{1,4} \lor \neg e_{2,4} \lor \neg t_{\neg e_{1,4},\, \neg e_{2,4}} \vdash t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,4},\, \neg e_{2,4}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{1,4}$$

$$1281. \ e_{2,4} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{2,5}, \neg e_{2,6}}, \neg e_{2,4} \lor t_{\neg e_{1,4}, e_{2,4}} \vdash t_{\neg e_{1,4}, e_{2,4}} \lor t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$1282. \ e_{2,4} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{2,5}, \, \neg e_{2,6}}, \neg e_{2,4} \lor t_{\neg e_{1,4}, \, e_{2,4}} \vdash t_{\neg e_{1,4}, \, e_{2,4}} \lor t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \, e_{2,3}}$$

$$1283. \ e_{2,4} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{2,5}, \, \neg e_{2,6}}, \neg e_{2,4} \lor t_{\neg e_{1,4}, \, e_{2,4}} \vdash t_{\neg e_{1,4}, \, e_{2,4}} \lor t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \, e_{2,3}}$$

$$1284. \ e_{2,4} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{2,5}, \neg e_{2,6}}, \neg e_{2,4} \lor t_{\neg e_{1,4}, e_{2,4}} \vdash t_{\neg e_{1,4}, e_{2,4}} \lor t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$1285. \ e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{2,5},\, \neg e_{2,6}}, e_{1,4} \lor \neg e_{2,4} \lor \neg t_{e_{1,4},\, \neg e_{2,4}} \vdash t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg t_{e_{1,4},\, \neg e_{2,4}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,4}$$

$$1286. \ \ e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{2,5},\, \neg e_{2,6}}, e_{1,4} \lor \neg e_{2,4} \lor \neg t_{e_{1,4},\, \neg e_{2,4}} \vdash t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg t_{e_{1,4},\, \neg e_{2,4}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,4}$$

$$1287. \ e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{2,5},\, \neg e_{2,6}}, e_{1,4} \lor \neg e_{2,4} \lor \neg t_{e_{1,4},\, \neg e_{2,4}} \vdash t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg t_{e_{1,4},\, \neg e_{2,4}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,4}$$

$$1288. \ e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{2,5},\, \neg e_{2,6}}, e_{1,4} \lor \neg e_{2,4} \lor \neg t_{e_{1,4},\, \neg e_{2,4}} \vdash t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg t_{e_{1,4},\, \neg e_{2,4}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,4}$$

$$1289. \ e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{2,5},\, \neg e_{2,6}}, \neg e_{2,4} \lor t_{e_{1,4},\, e_{2,4}} \vdash t_{e_{1,4},\, e_{2,4}} \lor t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$1290. \ e_{2,4} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{2,5}, \neg e_{2,6}}, \neg e_{2,4} \lor t_{e_{1,4}, e_{2,4}} \vdash t_{e_{1,4}, e_{2,4}} \lor t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$1291. \ \ e_{2,4} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{2,5}, \, \neg e_{2,6}}, \neg e_{2,4} \lor t_{e_{1,4}, \, e_{2,4}} \vdash t_{e_{1,4}, \, e_{2,4}} \lor t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \, e_{2,3}}$$

$$1292. \ e_{2,4} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{2,5}, \, \neg e_{2,6}}, \neg e_{2,4} \lor t_{e_{1,4}, \, e_{2,4}} \vdash t_{e_{1,4}, \, e_{2,4}} \lor t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \, e_{2,3}}$$

$$1293. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, e_{1,2} \lor e_{1,3} \lor \neg t_{e_{1,2},\, e_{1,3}} \vdash \neg t_{e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3} \lor e_{2,3}$$

$$1294. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, e_{1,2} \lor e_{1,3} \lor \neg t_{e_{1,2}, \, e_{1,3}} \vdash \neg t_{e_{1,2}, \, e_{1,3}} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,3} \lor e_{2,3}$$

$$1295. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, e_{1,2} \lor e_{1,3} \lor \neg t_{e_{1,2},\, e_{1,3}} \vdash \neg t_{e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3} \lor e_{2,3}$$

$$1296. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, e_{1,2} \lor e_{1,3} \lor \neg t_{e_{1,2}, \, e_{1,3}} \vdash \neg t_{e_{1,2}, \, e_{1,3}} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,3} \lor e_{2,3}$$

$$1297. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,3}$$

$$1298. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,3}$$

$$1299. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,3}$$

$$1300. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,3}$$

$$1301. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,3}$$

$$1302. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,3}$$

$$1303. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,3}$$

1304.
$$\neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,3}$$

$$1305. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{2,3}$$

$$1306. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{2,3}$$

1307.
$$\neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

1308.
$$\neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

$$1309. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,$$

$$1310. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{2,3}$$

$$1311. \ \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_$$

$$1312. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{2,3}$$

$$1313. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \, \neg e_{2,3}} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor$$

1314.
$$\neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{2,3}$$

$$1315. \ \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_$$

$$1316. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{2,3}$$

$$1317. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg e_{1,2} \lor e_{2,5} \lor e_{2,3}$$

1318.
$$\neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{1,2} \lor e_{2,3} \lor \neg e_{2,6}$$

$$1319. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{2,5},\, e_{2,6}} \vdash \neg e_{1,2} \lor \neg e_{2,4} \lor t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,3}$$

1320.
$$\neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{1,2} \lor \neg e_{2,5} \lor e_{2,3}$$

1321.
$$\neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{1,2} \lor e_{2,3} \lor e_{2,6}$$

$$1322. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{2,5},\, \neg e_{2,6}} \vdash \neg e_{1,2} \lor t_{e_{2,5},\, \neg e_{2,6}} \lor \neg e_{2,4} \lor e_{2,3}$$

1323.
$$\neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{1,2} \lor e_{2,5} \lor e_{2,3}$$

$$1324. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, e_{2,6} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg e_{1,2} \lor e_{2,3} \lor e_{2,6}$$

$$1325. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{2,5},\, \neg e_{2,6}} \vdash \neg e_{1,2} \lor t_{\neg e_{2,5},\, \neg e_{2,6}} \lor e_{2,3} \lor e_{2,4} \lor e_{2,4} \lor e_{2,5}, e_{2,6} \lor e$$

1326.
$$\neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{1,2} \lor \neg e_{2,5} \lor e_{2,3}$$

1327.
$$\neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{1,2} \lor e_{2,3} \lor \neg e_{2,6}$$

$$1328. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{2,5},\, e_{2,6}} \vdash \neg e_{1,2} \lor t_{e_{2,5},\, e_{2,6}} \lor e_{2,3} \lor e_{2,4} \lor e_{2,4} \lor e_{2,5} \lor e_{2,6} \lor e_{2,6}$$

$$1329. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\, e_{2,3}} \vdash \neg t_{e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,3}$$

$$1330. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,2},\, e_{2,3}} \vdash \neg e_{1,2} \lor t_{e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}$$

$$1331. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\, e_{2,3}} \vdash \neg t_{e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,3}$$

$$1332. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,2},\, e_{2,3}} \vdash \neg e_{1,2} \lor t_{e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}$$

$$1333. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\, e_{2,3}} \vdash \neg t_{e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,3}$$

$$1334. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,2},\, e_{2,3}} \vdash \neg e_{1,2} \lor t_{e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}$$

$$1335. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\, e_{2,3}} \vdash \neg t_{e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,3}$$

$$1336. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,2},\, e_{2,3}} \vdash \neg e_{1,2} \lor t_{e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}$$

$$1337. \ \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \vdash \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}$$

$$1338. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \vdash \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor$$

$$1339. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \vdash \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor$$

$$1340. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \vdash \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor$$

$$1341. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3},\, e_{2,3}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}$$

$$1342. \ \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3}, \, e_{2,3}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}$$

$$1343. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3},\, e_{2,3}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}$$

$$1344. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3}, \, e_{2,3}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}$$

$$1345. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, e_{1,3} \lor \neg e_{2,3} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}$$

$$1346. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, e_{1,3} \lor \neg e_{2,3} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}$$

$$1347. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, e_{1,3} \lor \neg e_{2,3} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}$$

$$1348. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, e_{1,3} \lor \neg e_{2,3} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}$$

$$1349. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,3},\, e_{2,3}} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,3},\, e_{2,3}}$$

$$1350. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,3},\, e_{2,3}} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,3},\, e_{2,3}}$$

$$1351. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,3},\, e_{2,3}} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,3},\, e_{2,3}}$$

$$1352. \ \, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,3},\, e_{2,3}} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,3},\, e_{2,3}}$$

$$1353. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{1,3}} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, e_{1,3}}$$

1354.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, e_{1,3}}$$

1355.
$$e_{1,2} \lor t_{\lnot e_{1,2},\, e_{2,3}}, \lnot e_{1,2} \lor t_{e_{1,2},\, e_{1,3}} \vdash t_{\lnot e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, e_{1,3}}$$

1356.
$$e_{1,2} \lor t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \, e_{1,3}} \vdash t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{e_{1,2}, \, e_{1,3}}$$

1357.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

1358.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

1359.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

1360.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$1361. \ \ e_{1,2} \lor t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{1,2} \lor e_{1,3} \lor \neg t_{\neg e_{1,2}, \, e_{1,3}} \vdash \neg t_{\neg e_{1,2}, \, e_{1,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,3}$$

1362.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor e_{1,3} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \vdash \neg t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}$$

$$1363. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,2} \lor e_{1,3} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \vdash \neg t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}$$

1364.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor e_{1,3} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \vdash \neg t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}$$

1365.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

1366.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

1367.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

1368.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$1369. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash \neg e_{2,3} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_$$

$$1370. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash \neg e_{2,3} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_$$

$$1371. \ e_{1,2} \vee t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,2} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash \neg e_{2,3} \vee \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \vee t_{\neg e_{1,2},\, e_{2,3}} \vee t_{\neg e_$$

$$1372. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash \neg e_{2,3} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_$$

$$1373. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,3}$$

1374.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,3}$$

$$1375. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,3}$$

1376.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,3}$$

1377.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

1378.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

1379.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

1380.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

1381.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

1382.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

1383.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

1384.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

1385.
$$\neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

1386.
$$\neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

1387.
$$\neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

1388.
$$\neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

1389.
$$\neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$1390. \ \, \neg e_{2,3} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{$$

$$1391. \ \, \neg e_{2,3} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{$$

$$1392. \ \, \neg e_{2,3} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{$$

1393.
$$\neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

1394.
$$\neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

1395.
$$\neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

1396.
$$\neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$1397. \ \, \neg e_{2,3} \lor t_{\neg e_{1,2},\, e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\, e_{2,3}} \vdash \neg t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}$$

$$1398. \ \, \neg e_{2,3} \lor t_{\neg e_{1,2},\, e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\, e_{2,3}} \vdash \neg t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}$$

$$1399. \ \, \neg e_{2,3} \lor t_{\neg e_{1,2},\, e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\, e_{2,3}} \vdash \neg t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}$$

$$1400. \ \, \neg e_{2,3} \lor t_{\neg e_{1,2},\, e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\, e_{2,3}} \vdash \neg t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}$$

$$1401. \ \, \neg e_{2,3} \lor t_{\neg e_{1,2},\, e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,3},\, \neg e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,3},\, \neg e_{2,3}}$$

1402.
$$\neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}}$$

1403.
$$\neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}}$$

1404.
$$\neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}}$$

$$1405. \ \, \neg e_{2,3} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{$$

$$1406. \ \, \neg e_{2,3} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{$$

$$1407. \ \, \neg e_{2,3} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{$$

$$1408. \ \, \neg e_{2,3} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{$$

1409.
$$\neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}}$$

1410.
$$\neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}}$$

1411.
$$\neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}}$$

1412.
$$\neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}}$$

1413.
$$\neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{1,3} \lor e_{2,3} \lor \neg t_{e_{1,3}, e_{2,3}} \vdash \neg t_{e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}$$

$$1414. \ \, \neg e_{2,3} \lor t_{\neg e_{1,2},\, e_{2,3}}, e_{1,3} \lor e_{2,3} \lor \neg t_{e_{1,3},\, e_{2,3}} \vdash \neg t_{e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}$$

1415.
$$\neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{1,3} \lor e_{2,3} \lor \neg t_{e_{1,3}, e_{2,3}} \vdash \neg t_{e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}$$

1416.
$$\neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{1,3} \lor e_{2,3} \lor \neg t_{e_{1,3}, e_{2,3}} \vdash \neg t_{e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}$$

$$1417. \ \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, \, e_{2,6}}, \neg e_{2,5} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \vdash \neg t_{e_{2,5}, \, e_{2,6}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor e_{2,6}$$

1418.
$$e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{2,5}$$

$$1419. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, \neg e_{2,4} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{e_{2,5},\, e_{2,6}} \vdash \neg e_{2,4} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{2,5} \lor e_{2,6}$$

$$1420. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, \, e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}} \vdash \neg t_{e_{2,5}, \, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}} \lor e_{2,6}$$

$$1421. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash \neg t_{e_{2,5},\, e_{2,6}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{2,5}$$

$$1422. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash \neg t_{e_{2,5},\,e_{2,6}} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1423. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, \neg e_{2,5} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash \neg t_{e_{2,5},\, e_{2,6}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{2,6}$$

$$1424. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, \, e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}} \vdash \neg t_{e_{2,5}, \, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}} \lor e_{2,6} \lor e_{$$

$$1425. \ \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg t_{e_{2,5},\, e_{2,6}} \lor e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$1426. \ \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \vdash \neg t_{e_{2,5},\, e_{2,6}} \lor e_{2,5} \lor \neg t_{e_{2,5},\, \neg e_{2,6}}$$

$$1427. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,e_{2,6}}, \neg e_{2,5} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{2,6}$$

$$1428. \ \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, \neg e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg t_{e_{2,5},\, e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,6}$$

$$1429. \ \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg t_{e_{2,5},\, e_{2,6}} \lor e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$1430. \ \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, \, e_{2,6}}, e_{2,4} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{e_{2,5}, \, e_{2,6}} \vdash e_{2,5} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{2,6} \lor e_{2,4}$$

$$1431. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \vdash \neg t_{e_{2,5},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$1432. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash \neg t_{e_{2,5},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,5}$$

1433.
$$e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash \neg t_{e_{2,5}, e_{2,6}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1434. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, \neg e_{2,5} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash \neg t_{e_{2,5},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,6}$$

1435.
$$e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}}, \neg e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,6}$$

$$1436. \ \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash \neg t_{e_{2,5},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,5}$$

$$1437. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, \, e_{2,6}}, e_{2,4} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{e_{2,5}, \, e_{2,6}} \vdash t_{e_{1,2}, \, \neg e_{2,3}} \lor e_{2,5} \lor e_{2,6} \lor e_{2,4}$$

$$1438. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, \neg e_{2,5} \lor t_{e_{1,2},\, e_{2,3}} \vdash \neg t_{e_{2,5},\, e_{2,6}} \lor t_{e_{1,2},\, e_{2,3}} \lor e_{2,6}$$

1439.
$$e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{2,5}$$

1440.
$$e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}}, \neg e_{2,4} \lor t_{e_{1,2}, e_{2,3}} \lor t_{e_{2,5}, e_{2,6}} \vdash \neg e_{2,4} \lor t_{e_{1,2}, e_{2,3}} \lor e_{2,5} \lor e_{2,6}$$

$$1441. \ \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, \, e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}} \vdash \neg t_{e_{2,5}, \, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}} \lor e_{2,6} \lor e$$

1442.
$$e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{2,5}$$

$$1443. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash \neg t_{e_{2,5},\,e_{2,6}} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$1444. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, \neg e_{2,5} \lor t_{e_{1,2},\, e_{2,3}} \vdash \neg t_{e_{2,5},\, e_{2,6}} \lor t_{e_{1,2},\, e_{2,3}} \lor e_{2,6}$$

$$1445. \ \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, \, e_{2,6}}, \neg e_{1,5} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,5}, \, \neg e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{e_{2,5}, \, e_{2,6}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor e_{2,6}$$

$$1446. \ \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, \, e_{2,6}}, \neg e_{1,5} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,5}, \, \neg e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{e_{2,5}, \, e_{2,6}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor e_{2,6}$$

$$1447. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, \, e_{2,6}}, \neg e_{1,5} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,5}, \, \neg e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{e_{2,5}, \, e_{2,6}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor e_{2,6}$$

$$1448. \ \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, \neg e_{1,5} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{e_{2,5},\, e_{2,6}} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \lor e_{2,6}$$

$$1449. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,e_{2,6}}, \neg e_{2,5} \lor t_{\neg e_{1,5},\,e_{2,5}} \vdash t_{\neg e_{1,5},\,e_{2,5}} \lor \neg t_{e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$1450. \ \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, \, e_{2,6}}, \neg e_{2,5} \lor t_{\neg e_{1,5}, \, e_{2,5}} \vdash t_{\neg e_{1,5}, \, e_{2,5}} \lor \neg t_{e_{2,5}, \, e_{2,6}} \lor e_{2,6}$$

$$1451. \ \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, \, e_{2,6}}, \neg e_{2,5} \lor t_{\neg e_{1,5}, \, e_{2,5}} \vdash t_{\neg e_{1,5}, \, e_{2,5}} \lor \neg t_{e_{2,5}, \, e_{2,6}} \lor e_{2,6}$$

1452.
$$e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}}, \neg e_{2,5} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,5}, e_{2,5}} \lor \neg t_{e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$1453. \ \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, e_{1,5} \lor \neg e_{2,5} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \vdash e_{1,5} \lor \neg t_{e_{2,5},\, e_{2,6}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{2,6}$$

$$1454. \ \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, \, e_{2,6}}, e_{1,5} \lor \neg e_{2,5} \lor \neg t_{e_{1,5}, \, \neg e_{2,5}} \vdash e_{1,5} \lor \neg t_{e_{2,5}, \, e_{2,6}} \lor \neg t_{e_{1,5}, \, \neg e_{2,5}} \lor e_{2,6}$$

$$1455. \ \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,e_{2,6}}, e_{1,5} \lor \neg e_{2,5} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \vdash e_{1,5} \lor \neg t_{e_{2,5},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \lor e_{2,6}$$

$$1456. \ \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, e_{1,5} \lor \neg e_{2,5} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \vdash e_{1,5} \lor \neg t_{e_{2,5},\, e_{2,6}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{2,6}$$

$$1457. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,e_{2,6}}, \neg e_{2,5} \lor t_{e_{1,5},\,e_{2,5}} \vdash t_{e_{1,5},\,e_{2,5}} \lor \neg t_{e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$1458. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, \neg e_{2,5} \lor t_{e_{1,5},\, e_{2,5}} \vdash t_{e_{1,5},\, e_{2,5}} \lor \neg t_{e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

1459.
$$e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}}, \neg e_{2,5} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{e_{1,5}, e_{2,5}} \lor \neg t_{e_{2,5}, e_{2,6}} \lor e_{2,6}$$

1460.
$$e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}}, \neg e_{2,5} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{e_{1,5}, e_{2,5}} \lor \neg t_{e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$1461. \ \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{e_{2,5},\, e_{2,6}} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor e_{2,5}$$

$$1462. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6},\,\neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{e_{2,5},\,e_{2,6}} \lor \neg t_{\neg e_{1,6},\,\neg e_{2,6}} \lor e_{2,5}$$

$$1463. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{e_{2,5},\, e_{2,6}} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor e_{2,5}$$

$$1464. \ \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, \, e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{e_{2,5}, \, e_{2,6}} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor e_{2,5}$$

1465.
$$e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{2,5}, e_{2,6}} \lor e_{2,5}$$

$$1466. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,6},\,e_{2,6}} \vdash t_{\neg e_{1,6},\,e_{2,6}} \lor \neg t_{e_{2,5},\,e_{2,6}} \lor e_{2,5}$$

1467.
$$e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,6},\,e_{2,6}} \vdash t_{\neg e_{1,6},\,e_{2,6}} \lor \neg t_{e_{2,5},\,e_{2,6}} \lor e_{2,5}$$

$$1468. \ \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, \, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,6}, \, e_{2,6}} \vdash t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg t_{e_{2,5}, \, e_{2,6}} \lor e_{2,5}$$

$$1469. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \vdash \neg t_{e_{2,5},\,e_{2,6}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor e_{1,6} \lor e_{2,5}$$

$$1470. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{2,5}, e_{2,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6} \lor e_{2,5}$$

$$1471. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \vdash \neg t_{e_{2,5},\, e_{2,6}} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \lor e_{1,6} \lor e_{2,5}$$

$$1472. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \vdash \neg t_{e_{2,5},\, e_{2,6}} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \lor e_{1,6} \lor e_{2,5}$$

1473.
$$e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{2,5}, e_{2,6}} \lor e_{2,5} \lor t_{e_{1,6}, e_{2,6}}$$

1474.
$$e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{2,5}, e_{2,6}} \lor e_{2,5} \lor t_{e_{1,6}, e_{2,6}}$$

1475.
$$e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{2,5}, e_{2,6}} \lor e_{2,5} \lor t_{e_{1,6}, e_{2,6}}$$

$$1476. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,6},\, e_{2,6}} \vdash \neg t_{e_{2,5},\, e_{2,6}} \lor e_{2,5} \lor t_{e_{1,6},\, e_{2,6}}$$

1477.
$$\neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$1478. \ \, \neg e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}} \vdash \neg t_{e_{2,5},\, e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,6}$$

1479.
$$\neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$1480. \ \, \neg e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\, \neg e_{2,6}}$$

1481.
$$\neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}}$$

1482.
$$\neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

1483.
$$\neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}}$$

$$1484. \ \, \neg e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}} \vdash \neg t_{e_{2,5},\, e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,6}$$

1485.
$$\neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$1486. \ \, \neg e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\, \neg e_{2,6}}$$

1487.
$$\neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

1488.
$$\neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg t_{e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,6}$$

1489.
$$\neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,5} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

$$1490. \ \, \neg e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}} \vdash \neg t_{e_{2,5},\, e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,6}$$

1491.
$$\neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,5} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

$$1492. \ \, \neg e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\, \neg e_{2,6}}$$

1493.
$$\neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,5} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,5}, \neg e_{2,5}}$$

1494.
$$\neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,5} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,5}, \neg e_{2,5}}$$

1495.
$$\neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,5} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,5}, \neg e_{2,5}}$$

1496.
$$\neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,5} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,5}, \neg e_{2,5}}$$

1497.
$$\neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,5} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$1498. \ \, \neg e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,5} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{$$

1499.
$$\neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,5} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

1500.
$$\neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,5} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

1501.
$$\neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,5} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,5}, \neg e_{2,5}}$$

1502.
$$\neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,5} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,5}, \neg e_{2,5}}$$

1503.
$$\neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,5} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,5}, \neg e_{2,5}}$$

1504.
$$\neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,5} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,5}, \neg e_{2,5}}$$

$$1505. \ \, \neg e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \vdash e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$1506. \ \, \neg e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \vdash e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

1507.
$$\neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$1508. \ \, \neg e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \vdash e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

1509.
$$\neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

1510.
$$\neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg t_{e_{2,5}, e_{2,6}} \lor e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$1511. \ \, \neg e_{2,6} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \vdash \neg e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$$

1512.
$$\neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$1513. \ \, \neg e_{2,6} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \vdash \neg e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$$

1514.
$$\neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}}$$

1515.
$$\neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}}$$

1516.
$$\neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg t_{e_{2,5}, e_{2,6}} \lor e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}$$

1517.
$$\neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash \neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{2,5}, e_{2,6}}$$

1518.
$$\neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

1519.
$$\neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

1520.
$$\neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg t_{e_{2,5}, e_{2,6}} \lor e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}$$

1521.
$$\neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

$$1522. \ \, \neg e_{2,6} \lor t_{\neg e_{1,2},\, e_{2,3}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}} \vdash \neg t_{e_{2,5},\, e_{2,6}} \lor e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$1523. \ \, \neg e_{2,6} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \vdash \neg e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$$

1524.
$$\neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

1525.
$$\neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1526.
$$\neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1527.
$$\neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1528.
$$\neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1529. \ \, \neg e_{2,6} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash \neg e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

1530.
$$\neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

1531.
$$\neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

$$1532. \ \, \neg e_{2,6} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash \neg e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

1533.
$$\neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,6}, \neg e_{2,6}}$$

$$1534. \ \, \neg e_{2,6} \lor t_{\neg e_{1,2},\, e_{2,3}}, e_{2,6} \lor t_{e_{1,6},\, \neg e_{2,6}} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,6},\, \neg e_{2,6}}$$

1535.
$$\neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,6}, \neg e_{2,6}}$$

1536.
$$\neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,6}, \neg e_{2,6}}$$

$$1537. \ \, \neg e_{2,6} \lor t_{\neg e_{1,2},\, e_{2,3}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\, e_{2,6}} \vdash \neg t_{e_{1,6},\, e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$1538. \ \, \neg e_{2,6} \lor t_{\neg e_{1,2},\, e_{2,3}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\, e_{2,6}} \vdash \neg t_{e_{1,6},\, e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$1539. \ \, \neg e_{2,6} \lor t_{\neg e_{1,2},\, e_{2,3}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\, e_{2,6}} \vdash \neg t_{e_{1,6},\, e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$1540. \ \, \neg e_{2,6} \lor t_{\neg e_{1,2},\, e_{2,3}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\, e_{2,6}} \vdash \neg t_{e_{1,6},\, e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$1541. \ \ e_{2,4} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{e_{2,5}, \, e_{2,6}}, \neg e_{2,4} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{2,5}, \, \neg e_{2,6}} \vdash t_{e_{2,5}, \, e_{2,6}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{1,2$$

$$1542. \ \ e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{2,5},\, e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}} \vdash e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,6} \lor e_{2,4}$$

$$1543. \ e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{2,5},\, e_{2,6}}, \neg e_{2,4} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{e_{2,5},\, e_{2,6}} \vdash t_{e_{2,5},\, e_{2,6}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\,$$

$$1544. \ e_{2,4} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{2,5}, e_{2,6}}, \neg e_{2,4} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}} \vdash t_{\neg e_{2,5}, e_{2,6}} \lor t_{e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$1545. \ e_{2,4} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{e_{2,5}, \, e_{2,6}}, \neg e_{2,4} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{e_{2,5}, \, \neg e_{2,6}} \vdash t_{e_{2,5}, \, \neg e_{2,6}} \lor t_{e_{2,5}, \, e_{2,6}} \lor t_{\neg e_{1,2}, \, e_{2,3}}$$

$$1546. \ \ e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{2,5},\, e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}} \vdash e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,6} \lor e_{2,4}$$

$$1547. \ e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{2,5},\, e_{2,6}}, \neg e_{2,4} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{2,5},\, e_{2,6}} \vdash t_{\neg e_{2,5},\, e_{2,6}} \lor t_{e_{2,5},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{2,3},\, e_{2,6}} \lor t_{e_{2,5},\, e_{2,6}} \lor t_{e_{2$$

$$1548. \ e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{2,5},\, e_{2,6}}, \neg e_{2,4} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{2,5},\, \neg e_{2,6}} \vdash t_{e_{2,5},\, \neg e_{2,6}} \lor t_{e_{2,5},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_$$

$$1549. \ \ e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{2,5},\, e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}} \vdash e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,6} \lor e_{2,4}$$

$$1550. \ e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{2,5},\, e_{2,6}}, \neg e_{2,4} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{2,5},\, \neg e_{2,6}} \vdash t_{e_{1,2},\, e_{2,3}} \lor t_{e_{2,5},\, e_{2,6}} \lor t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{2,5},\, e_{2,6}} \lor t_{\neg e_{2,5},\, e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{2,5},\, e_{2,6}} \lor t_{\neg e_{2,5},\, e_{2,6$$

$$1551. \ e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{2,5},\, e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}} \vdash e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,6} \lor e_{2,4}$$

$$1552. \ e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{2,5},\, e_{2,6}}, \neg e_{2,4} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{e_{2,5},\, e_{2,6}} \vdash t_{e_{1,2},\, e_{2,3}} \lor t_{e_{2,5},\, e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$1553. \ \ e_{2,4} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{e_{2,5}, \, e_{2,6}}, \neg e_{1,4} \lor \neg e_{2,4} \lor \neg t_{\neg e_{1,4}, \, \neg e_{2,4}} \vdash t_{e_{2,5}, \, e_{2,6}} \lor \neg t_{\neg e_{1,4}, \, \neg e_{2,4}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor \neg e_{1,4}$$

$$1554. \ e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{2,5},\, e_{2,6}}, \neg e_{1,4} \lor \neg e_{2,4} \lor \neg t_{\neg e_{1,4},\, \neg e_{2,4}} \vdash t_{e_{2,5},\, e_{2,6}} \lor \neg t_{\neg e_{1,4},\, \neg e_{2,4}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{1,4}$$

$$1555. \ \ e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{2,5},\, e_{2,6}}, \neg e_{1,4} \lor \neg e_{2,4} \lor \neg t_{\neg e_{1,4},\, \neg e_{2,4}} \vdash t_{e_{2,5},\, e_{2,6}} \lor \neg t_{\neg e_{1,4},\, \neg e_{2,4}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{1,4}$$

$$1556. \ e_{2,4} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{e_{2,5}, \, e_{2,6}}, \neg e_{1,4} \lor \neg e_{2,4} \lor \neg t_{\neg e_{1,4}, \, \neg e_{2,4}} \vdash t_{e_{2,5}, \, e_{2,6}} \lor \neg t_{\neg e_{1,4}, \, \neg e_{2,4}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor \neg e_{1,4}$$

$$1557. \ e_{2,4} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{e_{2,5}, \, e_{2,6}}, \neg e_{2,4} \lor t_{\neg e_{1,4}, \, e_{2,4}} \vdash t_{e_{2,5}, \, e_{2,6}} \lor t_{\neg e_{1,4}, \, e_{2,4}} \lor t_{\neg e_{1,2}, \, e_{2,3}}$$

$$1558. \ e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{2,5},\, e_{2,6}}, \neg e_{2,4} \lor t_{\neg e_{1,4},\, e_{2,4}} \vdash t_{e_{2,5},\, e_{2,6}} \lor t_{\neg e_{1,4},\, e_{2,4}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$1559. \ \ e_{2,4} \lor t_{\lnot e_{1,2},\, e_{2,3}} \lor t_{e_{2,5},\, e_{2,6}}, \lnot e_{2,4} \lor t_{\lnot e_{1,4},\, e_{2,4}} \vdash t_{e_{2,5},\, e_{2,6}} \lor t_{\lnot e_{1,4},\, e_{2,4}} \lor t_{\lnot e_{1,2},\, e_{2,3}}$$

$$1560. \ \ e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{2,5},\, e_{2,6}}, \neg e_{2,4} \lor t_{\neg e_{1,4},\, e_{2,4}} \vdash t_{e_{2,5},\, e_{2,6}} \lor t_{\neg e_{1,4},\, e_{2,4}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$1561. \ \ e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{2,5},\, e_{2,6}}, e_{1,4} \lor \neg e_{2,4} \lor \neg t_{e_{1,4},\, \neg e_{2,4}} \vdash t_{e_{2,5},\, e_{2,6}} \lor \neg t_{e_{1,4},\, \neg e_{2,4}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,4}$$

$$1562. \ \ e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{2,5},\, e_{2,6}}, e_{1,4} \lor \neg e_{2,4} \lor \neg t_{e_{1,4},\, \neg e_{2,4}} \vdash t_{e_{2,5},\, e_{2,6}} \lor \neg t_{e_{1,4},\, \neg e_{2,4}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,4}$$

$$1563. \ \ e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{2,5},\, e_{2,6}}, e_{1,4} \lor \neg e_{2,4} \lor \neg t_{e_{1,4},\, \neg e_{2,4}} \vdash t_{e_{2,5},\, e_{2,6}} \lor \neg t_{e_{1,4},\, \neg e_{2,4}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,4}$$

$$1564. \ \ e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{2,5},\, e_{2,6}}, e_{1,4} \lor \neg e_{2,4} \lor \neg t_{e_{1,4},\, \neg e_{2,4}} \vdash t_{e_{2,5},\, e_{2,6}} \lor \neg t_{e_{1,4},\, \neg e_{2,4}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,4}$$

$$1565. \ e_{2,4} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{e_{2,5}, \, e_{2,6}}, \neg e_{2,4} \lor t_{e_{1,4}, \, e_{2,4}} \vdash t_{e_{1,4}, \, e_{2,4}} \lor t_{e_{2,5}, \, e_{2,6}} \lor t_{\neg e_{1,2}, \, e_{2,3}}$$

$$1566. \ e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{2,5},\, e_{2,6}}, \neg e_{2,4} \lor t_{e_{1,4},\, e_{2,4}} \vdash t_{e_{1,4},\, e_{2,4}} \lor t_{e_{2,5},\, e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$1567. \ e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{2,5},\, e_{2,6}}, \neg e_{2,4} \lor t_{e_{1,4},\, e_{2,4}} \vdash t_{e_{1,4},\, e_{2,4}} \lor t_{e_{2,5},\, e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$1568. \ e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{2,5},\, e_{2,6}}, \neg e_{2,4} \lor t_{e_{1,4},\, e_{2,4}} \vdash t_{e_{1,4},\, e_{2,4}} \lor t_{e_{2,5},\, e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$1569. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3}$$

1570.
$$e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3}$$

$$1571. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3}$$

$$1572. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3}$$

$$1573. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$1574. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

1575.
$$e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$1576. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$1577. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor e_{1,3} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,3}$$

$$1578. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor e_{1,3} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,3}$$

$$1579. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor e_{1,3} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,3}$$

$$1580. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor e_{1,3} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,3}$$

$$1581. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$1582. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$1583. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg e_{2,3} \lor \neg e_{2,4} \lor \neg e_{$$

$$1584. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$1585. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1$$

$$1586. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$1587. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_$$

$$1588. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$1589. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1$$

$$1590. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$1591. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_$$

$$1592. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

1593.
$$e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg e_{2,3} \lor e_{2,5} \lor e_{1,2}$$

$$1594. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg e_{2,3} \lor \neg e_{2,6} \lor e_{1,2}$$

$$1595. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,4} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, \, e_{2,6}} \vdash \neg e_{2,3} \lor \neg e_{2,4} \lor t_{\neg e_{2,5}, \, e_{2,6}} \lor e_{1,2}$$

1596.
$$e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg e_{2,3} \lor \neg e_{2,5} \lor e_{1,2}$$

1597.
$$e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg e_{2,3} \lor e_{1,2} \lor e_{2,6}$$

$$1598. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,4} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,5}, \neg e_{2,6}} \vdash t_{e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,3} \lor \neg e_{2,4} \lor e_{1,2}$$

1599.
$$e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg e_{2,3} \lor e_{2,5} \lor e_{1,2}$$

1600.
$$e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg e_{2,3} \lor e_{1,2} \lor e_{2,6}$$

$$1601. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,4} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, \neg e_{2,6}} \vdash \neg e_{2,3} \lor t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,2} \lor e_{2,4}$$

1602.
$$e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg e_{2,3} \lor \neg e_{2,5} \lor e_{1,2}$$

$$1603. \ e_{1,2} \vee \neg e_{2,3} \vee \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,6} \vee t_{e_{1,2}, \neg e_{2,3}} \vdash \neg e_{2,3} \vee \neg e_{2,6} \vee e_{1,2}$$

$$1604. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,4} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,5}, e_{2,6}} \vdash \neg e_{2,3} \lor t_{e_{2,5}, e_{2,6}} \lor e_{1,2} \lor e_{2,4}$$

$$1605. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$1606. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}}$$

$$1607. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$1608. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}}$$

$$1609. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$1610. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}}$$

$$1611. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$1612. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}}$$

$$1613. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

1614.
$$e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$1615. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$1616. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$1617. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,2}$$

$$1618. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,2}$$

$$1619. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,2}$$

$$1620. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,2}$$

$$1621. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,2}$$

1622.
$$e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,2}$$

$$1623. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,2}$$

$$1624. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,2}$$

$$1625. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{1,3} \lor e_{2,3} \lor \neg t_{e_{1,3}, e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$1626. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{1,3} \lor e_{2,3} \lor \neg t_{e_{1,3}, e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$1627. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{1,3} \lor e_{2,3} \lor \neg t_{e_{1,3}, e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$1628. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{1,3} \lor e_{2,3} \lor \neg t_{e_{1,3}, e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$1629. \ \, \neg e_{1,2} \lor t_{e_{1,2},\, \neg e_{2,3}}, e_{1,2} \lor e_{1,3} \lor \neg t_{e_{1,2},\, e_{1,3}} \vdash \neg t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,3}$$

$$1630. \ \, \neg e_{1,2} \lor t_{e_{1,2},\, \neg e_{2,3}}, e_{1,2} \lor e_{1,3} \lor \neg t_{e_{1,2},\, e_{1,3}} \vdash \neg t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,3}$$

1631.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor e_{1,3} \lor \neg t_{e_{1,2}, e_{1,3}} \vdash \neg t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

1632.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor e_{1,3} \lor \neg t_{e_{1,2}, e_{1,3}} \vdash \neg t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

$$1633. \ \, \neg e_{1,2} \lor t_{e_{1,2}, \, \neg e_{2,3}}, e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,2}, \, \neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, \, \neg e_{1,3}} \lor t_{e_{1,2}, \, \neg e_{2,3}}$$

$$1634. \ \, \neg e_{1,2} \lor t_{e_{1,2}, \, \neg e_{2,3}}, e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,2}, \, \neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, \, \neg e_{1,3}} \lor t_{e_{1,2}, \, \neg e_{2,3}}$$

$$1635. \ \, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$1636. \ \, \neg e_{1,2} \lor t_{e_{1,2}, \, \neg e_{2,3}}, e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,2}, \, \neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, \, \neg e_{1,3}} \lor t_{e_{1,2}, \, \neg e_{2,3}}$$

$$1637. \ \, \neg e_{1,2} \lor t_{e_{1,2}, \, \neg e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, \, e_{1,3}} \vdash t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{1,3}}$$

1638.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{1,3}}$$

1639.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{1,3}}$$

$$1640. \ \, \neg e_{1,2} \lor t_{e_{1,2}, \, \neg e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, \, e_{1,3}} \vdash t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{1,3}}$$

1641.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

1642.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

1643.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$1644. \ \, \neg e_{1,2} \lor t_{e_{1,2}, \, \neg e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \vdash t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}}$$

$$1645. \ \, \neg e_{1,2} \lor t_{e_{1,2}, \, \neg e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \vdash t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}}$$

$$1646. \ \, \neg e_{1,2} \lor t_{e_{1,2}, \, \neg e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \vdash t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}}$$

$$1647. \ \, \neg e_{1,2} \lor t_{e_{1,2}, \, \neg e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \vdash t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}}$$

1648.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

1649.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

1650.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

1651.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$1652. \ \, \neg e_{1,2} \lor t_{e_{1,2}, \, \neg e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}}$$

$$1653. \ \, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg e_$$

$$1654. \ \, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,4} \lor \neg e_{2,4} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,4} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,4} \lor \neg e_$$

1655.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}$$

1656.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$1657. \ \, \neg e_{1,2} \lor t_{e_{1,2},\, \neg e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\, e_{2,3}} \vdash \neg t_{e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,3}$$

1658.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,3}$$

1659.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,3}$$

$$1660. \ \, \neg e_{1,2} \lor t_{e_{1,2},\, \neg e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\, e_{2,3}} \vdash \neg t_{e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,3}$$

$$1661. \ \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,2} \lor \lnot e_{2,3} \lor \lnot t_{\lnot e_{1,2}, \lnot e_{2,3}} \vdash \lnot e_{1,2} \lor \lnot t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{$$

1662.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$1663. \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,2} \lor \lnot e_{2,3} \lor \lnot t_{\lnot e_{1,2}, \lnot e_{2,3}} \vdash \lnot e_{1,2} \lor \lnot t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,$$

$$1664. \ e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,$$

1665.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

1666.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$1667. \ \ e_{2,3} \lor t_{e_{1,2}, \, \lnot e_{2,3}}, \, \lnot e_{2,3} \lor t_{\lnot e_{1,2}, \, e_{2,3}} \vdash t_{e_{1,2}, \, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, \, e_{2,3}}$$

1668.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

1669.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$1670. \ e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

1671.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$1672. \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, e_{1,2} \lor \lnot e_{2,3} \lor \lnot t_{e_{1,2}, \lnot e_{2,3}} \vdash \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor e_{1,2}$$

1673.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

1674.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

1675.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

1676.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

$$1677. \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,3} \lor \lnot e_{2,3} \lor \lnot t_{\lnot e_{1,3}, \lnot e_{2,3}} \vdash \lnot e_{1,3} \lor \lnot t_{\lnot e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,$$

$$1678. \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,3} \lor \lnot e_{2,3} \lor \lnot t_{\lnot e_{1,3}, \lnot e_{2,3}} \vdash \lnot e_{1,3} \lor \lnot t_{\lnot e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,$$

1679.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

1680.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

1681.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

1682.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

1683.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$1684. \ e_{2,3} \lor t_{e_{1,2}, \, \neg e_{2,3}}, \, \neg e_{2,3} \lor t_{\neg e_{1,3}, \, e_{2,3}} \vdash t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,3}, \, e_{2,3}}$$

1685.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,3} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \vdash \neg t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

1686.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,3} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \vdash \neg t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

$$1687. \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, e_{1,3} \lor \lnot e_{2,3} \lor \lnot t_{e_{1,3}, \lnot e_{2,3}} \vdash \lnot t_{e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor e_{1,3}$$

$$1688. \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, e_{1,3} \lor \lnot e_{2,3} \lor \lnot t_{e_{1,3}, \lnot e_{2,3}} \vdash \lnot t_{e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor e_{1,3}$$

1689.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

1690.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

1691.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$1692. \ e_{2,3} \lor t_{e_{1,2}, \, \neg e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,3}, \, e_{2,3}} \vdash t_{e_{1,3}, \, e_{2,3}} \lor t_{e_{1,2}, \, \neg e_{2,3}}$$

$$1693. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor \neg e_{2,5} \lor \neg e_{2,6} \lor$$

$$1694. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{2,5} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$1695. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}} \vdash \neg t_{e_{2,5},\, e_{2,6}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \lor e_{2$$

$$1696. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$$

$$1697. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{2,5} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$1698. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$$

$$1699. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{2,4} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{2,5},\, e_{2,6}} \vdash t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,5} \lor e_{2,6} \lor e_{2,4} \lor e_{2,4} \lor e_{2,5} \lor e_{2,6} \lor$$

$$1700. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$1701. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$$

$$1702. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, \neg e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{2,5},\, e_{2,6}} \vdash \neg e_{2,4} \lor \neg e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,6}$$

$$1703. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor \neg e_{2,5} \lor \neg e_{2,6} \lor$$

$$1704. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$1705. \ \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, \, e_{2,6}} \vdash \neg t_{e_{2,5}, \, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}} \lor e_{2,6} \lor e_{$$

$$1706. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$$

$$1707. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{2,5} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$1708. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$$

$$1709. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, \neg e_{2,4} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{2,5},\, e_{2,6}} \vdash \neg e_{2,4} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,5} \lor e_{2,6}$$

$$1710. \ \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}} \lor \neg e_{2,5} \lor \neg e_{2,6} \lor$$

$$1711. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{2,5} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$1712. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}} \vdash \neg t_{e_{2,5},\, e_{2,6}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \lor e_{2$$

1713.
$$\neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}}$$

$$1714. \ \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor \neg e_{2,5} \lor \neg e_{2,6} \lor \neg e$$

$$1715. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{2,5} \lor t_{e_{1,2},\, e_{2,3}} \vdash t_{e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$1716. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}} \vdash \neg t_{e_{2,5},\, e_{2,6}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \lor e_{2$$

1717.
$$\neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, e_{2,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}}$$

1718.
$$\neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}}, e_{2,5} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$1719. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2},\, e_{2,3}} \vdash t_{e_{1,2},\, e_{2,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$$

$$1720. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{2,4} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{2,5},\, e_{2,6}} \vdash t_{e_{1,2},\, e_{2,3}} \lor \neg e_{2,5} \lor e_{2,6} \lor e_{2,4} \lor e_{2,4} \lor e_{2,5} \lor e_{2,6} \lor e_{2,6}$$

$$1721. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{2,5} \lor t_{\neg e_{1,5},\, \neg e_{2,5}} \vdash t_{\neg e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$1722. \ \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}}, e_{2,5} \lor t_{\neg e_{1,5}, \, \neg e_{2,5}} \vdash t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}} \lor e_{2,6}$$

$$1723. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{2,5} \lor t_{\neg e_{1,5},\, \neg e_{2,5}} \vdash t_{\neg e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$1724. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{2,5} \lor t_{\neg e_{1,5},\, \neg e_{2,5}} \vdash t_{\neg e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$1725. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, \neg e_{1,5} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \lor e_{2,6$$

$$1726. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, \neg e_{1,5} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \lor e_{2,6$$

$$1727. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, \neg e_{1,5} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \lor e_{2,6$$

$$1728. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, \neg e_{1,5} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \lor e_{2,6$$

$$1729. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{2,5} \lor t_{e_{1,5},\, \neg e_{2,5}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

1730.
$$\neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}}, e_{2,5} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$1731. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{2,5} \lor t_{e_{1,5},\, \neg e_{2,5}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$1732. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}}, e_{2,5} \lor t_{e_{1,5}, \, \neg e_{2,5}} \vdash t_{e_{1,5}, \, \neg e_{2,5}} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}} \lor e_{2,6}$$

$$1733. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \vdash e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$1734. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \vdash e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$1735. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \vdash e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$1736. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5}, \, e_{2,5}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \, e_{2,5}} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}} \lor e_{2,6}$$

$$1737. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$$

$$1738. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}}, \neg e_{2,6} \lor \neg e_{2,5} \lor \neg e_{2,6} \lor \neg e_{2,6}$$

$$1739. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$$

$$1740. \ \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}}$$

$$1741. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$$

$$1742. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$$

$$1743. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$$

1744.
$$\neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}}$$

$$1745. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \vdash \neg t_{e_{1,6},\, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg e_{2,5}$$

$$1746. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \vdash \neg t_{e_{1,6},\, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg e_{2,6} \lor \neg e_{2,$$

$$1747. \ \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \vdash \neg t_{e_{1,6},\, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg e_{2,6} \lor \neg$$

$$1748. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \vdash \neg t_{e_{1,6},\, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg e_{2,5}$$

$$1749. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,6},\, e_{2,6}} \vdash \neg e_{2,5} \lor t_{e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$$

$$1750. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,6},\, e_{2,6}} \vdash \neg e_{2,5} \lor t_{e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$$

$$1751. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,6},\, e_{2,6}} \vdash \neg e_{2,5} \lor t_{e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$$

$$1752. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,6},\, e_{2,6}} \vdash \neg e_{2,5} \lor t_{e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$$

$$1753. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{2,5} \lor \lnot e_{2,6} \lor \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \vdash \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{2,6} \lor t_{e_{1,2}, \lnot e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{2,6} \lor t_{e_{1,2}, \lnot e_{2,6}} \lor t_{e_{1,2}, \lnot e$$

$$1754. \ e_{2,5} \lor t_{e_{1,2},\, \neg e_{2,3}}, \neg e_{2,5} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}}$$

$$1755. \ \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{2,5} \lor e_{2,6} \lor \lnot t_{\lnot e_{2,5}, e_{2,6}} \vdash t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$1756. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{2,5} \lor t_{\lnot e_{1,2}, \lnot e_{2,3}} \vdash t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, \lnot e_{2,3}}$$

1757.
$$e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

1758.
$$e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$1759. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{2,5} \lor \lnot e_{2,6} \lor \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \vdash \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{2,6} \lor t_{e_{1,2}, \lnot e_{2,6}} \lor t_{e_{1,2}, \lnot e$$

1760.
$$e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$1761. \ \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{2,5} \lor e_{2,6} \lor \lnot t_{\lnot e_{2,5}, e_{2,6}} \vdash t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{2,5}, e_{2,6}} \lor e_{2,6}$$

1762.
$$e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}}$$

$$1763. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{2,5} \lor \lnot e_{2,6} \lor \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \vdash \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{2,6} \lor t_{e_{1,2}, \lnot e_{2,6}} \lor t_{e_{1,2}, \lnot e_$$

1764.
$$e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}}$$

$$1765. \ \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{2,5} \lor \lnot e_{2,6} \lor \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \vdash \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{2,6} \lor t_{e_{1,2}, \lnot e_{2,6}} \lor$$

$$1766. \ \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{2,5} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

1767.
$$e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

1768.
$$e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

$$1769. \ \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,5} \lor \lnot e_{2,5} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{2,5}} \vdash \lnot e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{2,5}} \lor t_{\lnot e_{1,5},$$

$$1770. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,5} \lor \lnot e_{2,5} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{2,5}} \vdash \lnot e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{2,5}}$$

1771.
$$e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,5} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}} \vdash \neg e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}}$$

$$1772. \ e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,5} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}} \vdash \neg e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}}$$

1773.
$$e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,5}, e_{2,5}}$$

1774.
$$e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,5}, e_{2,5}}$$

1775.
$$e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,5}, e_{2,5}}$$

1776.
$$e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,5}, e_{2,5}}$$

1777.
$$e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,5} \lor \neg e_{2,5} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,5}, \neg e_{2,5}}$$

1778.
$$e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,5} \lor \neg e_{2,5} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,5}, \neg e_{2,5}}$$

1779.
$$e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,5} \lor \neg e_{2,5} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,5}, \neg e_{2,5}}$$

$$1780. \ \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, e_{1,5} \lor \lnot e_{2,5} \lor \lnot t_{e_{1,5}, \lnot e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{e_{1,5}, \lnot e_{2,5}} \lor t_{e_{1,5}, \lnot e_{2,$$

1781.
$$e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,5}, e_{2,5}}$$

1782.
$$e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,5}, e_{2,5}}$$

1783.
$$e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,5}, e_{2,5}}$$

1784.
$$e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,5}, e_{2,5}}$$

1785.
$$\neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

1786.
$$\neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg t_{e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,5}$$

1787.
$$\neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}}$$

1788.
$$\neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

1789.
$$\neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}}$$

1790.
$$\neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

1791.
$$\neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$1792. \ \, \neg e_{2,6} \lor t_{e_{1,2},\, \neg e_{2,3}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}} \vdash \neg t_{e_{2,5},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,5}$$

1793.
$$\neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}}$$

1794.
$$\neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}}$$

1795.
$$\neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}}$$

1796.
$$\neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg t_{e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,5}$$

1797.
$$\neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

1798.
$$\neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg t_{e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,5}$$

1799.
$$\neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}}$$

1800.
$$\neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

1801.
$$\neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1802.
$$\neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1803.
$$\neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1804.
$$\neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1805. \ \, \neg e_{2,6} \lor t_{e_{1,2},\, \neg e_{2,3}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

1806.
$$\neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

$$1807. \ \, \neg e_{2,6} \lor t_{e_{1,2}, \, \neg e_{2,3}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}$$

1808.
$$\neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

1809.
$$\neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,6}, \neg e_{2,6}}$$

1810.
$$\neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,6}, \neg e_{2,6}}$$

1811.
$$\neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,6}, \neg e_{2,6}}$$

1812.
$$\neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,6}, \neg e_{2,6}}$$

1813.
$$\neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6}$$

$$1814. \ \, \neg e_{2,6} \lor t_{e_{1,2},\, \neg e_{2,3}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\, e_{2,6}} \vdash \neg t_{e_{1,6},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,6}$$

1815.
$$\neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6}$$

1816.
$$\neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6}$$

$$1817. \ \neg e_{2,4} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}}, e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}} \vdash t_{\neg e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$1818. \ \neg e_{2,4} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}}, e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,5}, \neg e_{2,6}} \vdash t_{e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_$$

$$1819. \ \, \neg e_{2,4} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}}, e_{2,4} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{2,5}, \neg e_{2,6}} \vdash t_{\neg e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{2,5}, \neg e_{2,6}} \lor t$$

$$1820. \ \, \neg e_{2,4} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{2,5}, \, e_{2,6}}, e_{2,4} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{e_{2,5}, \, e_{2,6}} \vdash t_{\neg e_{2,5}, \, e_{2,6}} \lor t_{e_{2,5}, \, e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{2,3}, \, e_{2,6}} \lor t_{e_{2,5}, \, e_{2,6}$$

$$1821. \ \, \neg e_{2,4} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}}, e_{2,4} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, \neg e_{2,6}} \vdash t_{\neg e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, \neg e_{2,6}}$$

$$1822. \ \, \neg e_{2,4} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{2,5}, \, e_{2,6}}, e_{2,4} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{e_{2,5}, \, e_{2,6}} \vdash t_{\neg e_{2,5}, \, e_{2,6}} \lor t_{e_{2,5}, \, e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}}$$

$$1823. \ \, \neg e_{2,4} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{2,5}, \, e_{2,6}}, e_{2,4} \lor t_{e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{2,5}, \, e_{2,6}} \vdash t_{e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{2,5}, \, e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}}$$

$$1824. \ \, \neg e_{2,4} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{2,5}, \, e_{2,6}}, e_{2,4} \lor t_{e_{1,2}, \, e_{2,3}} \lor t_{e_{2,5}, \, \neg e_{2,6}} \vdash t_{e_{2,5}, \, \neg e_{2,6}} \lor t_{e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{2,5}, \, e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{2,5}, \, e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{2,5}, \, e_{2,6}} \lor t_{e_{2,5}, \, \neg e_{2,6}} \lor t_{e_{2,5}, \, e_{$$

$$1825. \ \neg e_{2,4} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}}, e_{2,4} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \vdash t_{\neg e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,4}, \neg e_{2,4}}$$

$$1826. \ \, \neg e_{2,4} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}}, e_{2,4} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \vdash t_{\neg e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,4}, \neg e_{2,4}}$$

$$1827. \ \neg e_{2,4} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}}, e_{2,4} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \vdash t_{\neg e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,4}, \neg e_{2,4}}$$

$$1828. \ \, \neg e_{2,4} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{2,5}, \, e_{2,6}}, e_{2,4} \lor t_{\neg e_{1,4}, \, \neg e_{2,4}} \vdash t_{\neg e_{2,5}, \, e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,4}, \, \neg e_{2,4}}$$

$$1829. \ \, \neg e_{2,4} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{2,5}, \, e_{2,6}}, \neg e_{1,4} \lor e_{2,4} \lor \neg t_{\neg e_{1,4}, \, e_{2,4}} \vdash \neg t_{\neg e_{1,4}, \, e_{2,4}} \lor t_{\neg e_{2,5}, \, e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg e_{1,4} \lor e_{2,4} \lor \neg e_{2,4} \lor$$

$$1830. \ \, \neg e_{2,4} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{2,5}, \, e_{2,6}}, \neg e_{1,4} \lor e_{2,4} \lor \neg t_{\neg e_{1,4}, \, e_{2,4}} \vdash \neg t_{\neg e_{1,4}, \, e_{2,4}} \lor t_{\neg e_{2,5}, \, e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg e_{1,4} \lor e_{2,4} \lor \neg e_{2,4} \lor$$

$$1831. \ \, \neg e_{2,4} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{2,5}, \, e_{2,6}}, \neg e_{1,4} \lor e_{2,4} \lor \neg t_{\neg e_{1,4}, \, e_{2,4}} \vdash \neg t_{\neg e_{1,4}, \, e_{2,4}} \lor t_{\neg e_{2,5}, \, e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg e_{1,4} \lor e_{2,4} \lor \neg e_{2,4} \lor$$

$$1832. \ \, \neg e_{2,4} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{2,5},\, e_{2,6}}, \neg e_{1,4} \lor e_{2,4} \lor \neg t_{\neg e_{1,4},\, e_{2,4}} \vdash \neg t_{\neg e_{1,4},\, e_{2,4}} \lor t_{\neg e_{2,5},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{1,4} \lor e_{2,4} \lor \neg e_{2$$

$$1833. \ \, \neg e_{2,4} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{2,5}, \, e_{2,6}}, e_{2,4} \lor t_{e_{1,4}, \, \neg e_{2,4}} \vdash t_{e_{1,4}, \, \neg e_{2,4}} \lor t_{\neg e_{2,5}, \, e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}}$$

$$1834. \ \, \neg e_{2,4} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{2,5}, \, e_{2,6}}, e_{2,4} \lor t_{e_{1,4}, \, \neg e_{2,4}} \vdash t_{e_{1,4}, \, \neg e_{2,4}} \lor t_{\neg e_{2,5}, \, e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}}$$

$$1835. \ \, \neg e_{2,4} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{2,5}, \, e_{2,6}}, e_{2,4} \lor t_{e_{1,4}, \, \neg e_{2,4}} \vdash t_{e_{1,4}, \, \neg e_{2,4}} \lor t_{\neg e_{2,5}, \, e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}}$$

$$1836. \ \, \neg e_{2,4} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{2,5}, \, e_{2,6}}, e_{2,4} \lor t_{e_{1,4}, \, \neg e_{2,4}} \vdash t_{e_{1,4}, \, \neg e_{2,4}} \lor t_{\neg e_{2,5}, \, e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}}$$

$$1837. \ \, \neg e_{2,4} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{2,5}, \, e_{2,6}}, e_{1,4} \lor e_{2,4} \lor \neg t_{e_{1,4}, \, e_{2,4}} \vdash t_{\neg e_{2,5}, \, e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{e_{1,4}, \, e_{2,4}} \lor e_{1,4}$$

$$1838. \ \, \neg e_{2,4} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{2,5},\, e_{2,6}}, e_{1,4} \lor e_{2,4} \lor \neg t_{e_{1,4},\, e_{2,4}} \vdash t_{\neg e_{2,5},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{e_{1,4},\, e_{2,4}} \lor e_{1,4}$$

$$1839. \ \, \neg e_{2,4} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{2,5},\, e_{2,6}}, e_{1,4} \lor e_{2,4} \lor \neg t_{e_{1,4},\, e_{2,4}} \vdash t_{\neg e_{2,5},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{e_{1,4},\, e_{2,4}} \lor e_{1,4} \lor e_{1,4}, e_{2,4} \lor e_{2,4}$$

$$1840. \ \, \neg e_{2,4} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{2,5}, \, e_{2,6}}, e_{1,4} \lor e_{2,4} \lor \neg t_{e_{1,4}, \, e_{2,4}} \vdash t_{\neg e_{2,5}, \, e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{e_{1,4}, \, e_{2,4}} \lor e_{1,4}$$

$$1841. \ \ e_{1,2} \lor \lnot e_{2,3} \lor \lnot t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{2,3}$$

$$1842. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3}$$

$$1843. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3}$$

$$1844. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3}$$

$$1845. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$1846. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$1847. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$1848. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$1849. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor e_{1,3} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,3}$$

$$1850. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor e_{1,3} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,3}$$

$$1851. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor e_{1,3} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,3}$$

$$1852. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor e_{1,3} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,3}$$

$$1853. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg e_{2,3} \lor \neg e_{2,4} \lor \neg e_{$$

$$1854. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$1855. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$1856. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$1857. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_$$

$$1858. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$1859. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_$$

$$1860. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$1861. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_$$

$$1862. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$1863. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_$$

$$1864. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$1865. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \, \neg e_{2,3}}, e_{2,5} \lor t_{e_{1,2}, \, \neg e_{2,3}} \vdash \neg e_{2,3} \lor e_{2,5} \lor e_{1,2}$$

$$1866. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg e_{2,3} \lor \neg e_{2,6} \lor e_{1,2}$$

$$1867. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,4} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, \, e_{2,6}} \vdash \neg e_{2,3} \lor \neg e_{2,4} \lor t_{\neg e_{2,5}, \, e_{2,6}} \lor e_{1,2}$$

$$1868. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg e_{2,3} \lor \neg e_{2,5} \lor e_{1,2}$$

1869.
$$e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg e_{2,3} \lor e_{1,2} \lor e_{2,6}$$

$$1870. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,4} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,5}, \neg e_{2,6}} \vdash t_{e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,3} \lor \neg e_{2,4} \lor e_{1,2}$$

1871.
$$e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg e_{2,3} \lor e_{2,5} \lor e_{1,2}$$

1872.
$$e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg e_{2,3} \lor e_{1,2} \lor e_{2,6}$$

$$1873. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,4} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, \neg e_{2,6}} \vdash \neg e_{2,3} \lor t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,2} \lor e_{2,4}$$

$$1874. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg e_{2,3} \lor \neg e_{2,5} \lor e_{1,2}$$

1875.
$$e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg e_{2,3} \lor \neg e_{2,6} \lor e_{1,2}$$

$$1876. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,4} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,5}, e_{2,6}} \vdash \neg e_{2,3} \lor t_{e_{2,5}, e_{2,6}} \lor e_{1,2} \lor e_{2,4}$$

$$1877. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$1878. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}}$$

$$1879. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$1880. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}}$$

$$1881. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$1882. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}}$$

$$1883. \ e_{1,2} \vee \neg e_{2,3} \vee \neg t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \vee e_{2,3} \vee \neg t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \vee \neg t_{e_{1,2}, \neg e_{2,3}} \vee e_{1,2}$$

1884.
$$e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}}$$

$$1885. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$1886. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$1887. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$1888. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$1889. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,2}$$

$$1890. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,2}$$

$$1891. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,2}$$

$$1892. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,2}$$

$$1893. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,2}$$

$$1894. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,2}$$

$$1895. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,2}$$

$$1896. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,2}$$

$$1897. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{1,3} \lor e_{2,3} \lor \neg t_{e_{1,3}, e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$1898. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{1,3} \lor e_{2,3} \lor \neg t_{e_{1,3}, e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$1899. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{1,3} \lor e_{2,3} \lor \neg t_{e_{1,3}, e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$1900. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{1,3} \lor e_{2,3} \lor \neg t_{e_{1,3}, e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$1901. \ \, \neg e_{1,2} \lor t_{e_{1,2}, \, \neg e_{2,3}}, e_{1,2} \lor e_{1,3} \lor \neg t_{e_{1,2}, \, e_{1,3}} \vdash \neg t_{e_{1,2}, \, e_{1,3}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor e_{1,3}$$

1902.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor e_{1,3} \lor \neg t_{e_{1,2}, e_{1,3}} \vdash \neg t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

$$1903. \ \, \neg e_{1,2} \lor t_{e_{1,2},\, \neg e_{2,3}}, e_{1,2} \lor e_{1,3} \lor \neg t_{e_{1,2},\, e_{1,3}} \vdash \neg t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,3}$$

$$1904. \ \, \neg e_{1,2} \lor t_{e_{1,2},\, \neg e_{2,3}}, e_{1,2} \lor e_{1,3} \lor \neg t_{e_{1,2},\, e_{1,3}} \vdash \neg t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,3}$$

1905.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

1906.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$1907. \ \, \neg e_{1,2} \lor t_{e_{1,2}, \, \neg e_{2,3}}, e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,2}, \, \neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, \, \neg e_{1,3}} \lor t_{e_{1,2}, \, \neg e_{2,3}}$$

1908.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

1909.
$$\neg e_{1,2} \lor t_{e_{1,2},\, \neg e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}} \vdash t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}}$$

1910.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{1,3}}$$

1911.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{1,3}}$$

1912.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{1,3}}$$

1913.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

1914.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

1915.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

1916.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

1917.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

1918.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

1919.
$$\neg e_{1,2} \lor t_{e_{1,2},\, \neg e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}}$$

1920.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

1921.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

1922.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

1923.
$$\neg e_{1,2} \lor t_{e_{1,2}}, \neg e_{2,3}, e_{1,2} \lor t_{\neg e_{1,2}}, e_{2,3} \vdash t_{e_{1,2}}, \neg e_{2,3} \lor t_{\neg e_{1,2}}, e_{2,3}$$

1924.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

1925.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}$$

1926.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$1927. \ \, \neg e_{1,2} \lor t_{e_{1,2}, \, \neg e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg e_{2,3} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg e_$$

$$1928. \ \, \neg e_{1,2} \lor t_{e_{1,2},\, \neg e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,4} \lor \neg e_{2,4} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,4} \lor \neg e_{2,4$$

1929.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,3}$$

$$1930. \ \, \neg e_{1,2} \lor t_{e_{1,2},\, \neg e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\, e_{2,3}} \vdash \neg t_{e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,3}$$

1931.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,3}$$

1932.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,3}$$

1933.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$1934. \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,2} \lor \lnot e_{2,3} \lor \lnot t_{\lnot e_{1,2}, \lnot e_{2,3}} \vdash \lnot e_{1,2} \lor \lnot t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,$$

$$1935. \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,2} \lor \lnot e_{2,3} \lor \lnot t_{\lnot e_{1,2}, \lnot e_{2,3}} \vdash \lnot e_{1,2} \lor \lnot t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,$$

$$1936. \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,2} \lor \lnot e_{2,3} \lor \lnot t_{\lnot e_{1,2}, \lnot e_{2,3}} \vdash \lnot e_{1,2} \lor \lnot t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,$$

1937.
$$e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{2,3} \lor t_{\lnot e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e_{2,3}}$$

1938.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

1939.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

1940.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

1941.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

1942.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

1943.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$1944. \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, e_{1,2} \lor \lnot e_{2,3} \lor \lnot t_{e_{1,2}, \lnot e_{2,3}} \vdash \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor e_{1,2}$$

1945.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

1946.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

1947.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

1948.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

$$1949. \ \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,3} \lor \lnot e_{2,3} \lor \lnot t_{\lnot e_{1,3}, \lnot e_{2,3}} \vdash \lnot e_{1,3} \lor \lnot t_{\lnot e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{$$

1950.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$1951. \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,3} \lor \lnot e_{2,3} \lor \lnot t_{\lnot e_{1,3}, \lnot e_{2,3}} \vdash \lnot e_{1,3} \lor \lnot t_{\lnot e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,$$

1952.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

1953.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

1954.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

1955.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

1956.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$1957. \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, e_{1,3} \lor \lnot e_{2,3} \lor \lnot t_{e_{1,3}, \lnot e_{2,3}} \vdash \lnot t_{e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor e_{1,3}$$

1958.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,3} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \vdash \neg t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

1959.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,3} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \vdash \neg t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

1960.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,3} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \vdash \neg t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

1961.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

1962.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

1963.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

1964.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$1965. \ \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg t_{\neg e_$$

$$1966. \ \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor e_{$$

$$1967. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg t_{e_{2,5}, e_{2,6}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1968. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1969. \ \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \, \neg e_{2,6}}, \neg e_{2,5} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \, \neg e_{2,6}}$$

$$1970. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1971. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,5}, \neg e_{2,6}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{2,5} \lor \neg e_{2,6} \lor e_{2,4}$$

$$1972. \ \ e_{2,5} \lor \lnot e_{2,6} \lor \lnot t_{e_{2,5}, \lnot e_{2,6}}, \lnot e_{2,5} \lor t_{\lnot e_{1,2}, e_{2,3}} \vdash t_{\lnot e_{1,2}, e_{2,3}} \lor \lnot e_{2,6} \lor \lnot t_{e_{2,5}, \lnot e_{2,6}}$$

1973.
$$e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1974. \ \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,4} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{2,5}, \neg e_{2,6}} \vdash \neg e_{2,4} \lor e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{2,6}$$

$$1975. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e_{2,$$

$$1976. \ \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1977. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg t_{e_{2,5}, e_{2,6}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1978. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1979. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

1980.
$$e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1981. \ \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,4} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,5}, \neg e_{2,6}} \vdash \neg e_{2,4} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,5} \lor \neg e_{2,6}$$

$$1982. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e_{2,$$

1983.
$$e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1984. \ \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg t_{e_{2,5}, e_{2,6}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1985. \ \ e_{2,5} \lor \lnot e_{2,6} \lor \lnot t_{e_{2,5}, \lnot e_{2,6}}, \lnot e_{2,5} \lor t_{e_{1,2}, \lnot e_{2,3}} \vdash t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{2,6} \lor \lnot t_{e_{2,5}, \lnot e_{2,6}}$$

$$1986. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e_{2,$$

1987.
$$e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, e_{2,3}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1988. \ \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg t_{e_{2,5}, e_{2,6}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor e_{2,5} \lor e_$$

$$1989. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

1990.
$$e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1991. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, e_{2,3}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1992. \ \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,4} \lor t_{e_{1,2}, e_{2,3}} \lor t_{e_{2,5}, \neg e_{2,6}} \vdash t_{e_{1,2}, e_{2,3}} \lor e_{2,5} \lor \neg e_{2,6} \lor e_{2,4}$$

$$1993. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{1,5} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor$$

$$1994. \ \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{1,5} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}$$

$$1995. \ \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{1,5} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}$$

$$1996. \ \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{1,5} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e_{$$

$$1997. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash \neg e_{2,6} \lor t_{\neg e_{1,5}, e_{2,5}} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1998. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash \neg e_{2,6} \lor t_{\neg e_{1,5}, e_{2,5}} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1999. \ \ e_{2,5} \lor \lnot e_{2,6} \lor \lnot t_{e_{2,5}, \lnot e_{2,6}}, \lnot e_{2,5} \lor t_{\lnot e_{1,5}, e_{2,5}} \vdash \lnot e_{2,6} \lor t_{\lnot e_{1,5}, e_{2,5}} \lor \lnot t_{e_{2,5}, \lnot e_{2,6}}$$

$$2000. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash \neg e_{2,6} \lor t_{\neg e_{1,5}, e_{2,5}} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$2001. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{1,5} \lor \neg e_{2,5} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e$$

$$2002. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{1,5} \lor \neg e_{2,5} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor$$

$$2003. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{1,5} \lor \neg e_{2,5} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor$$

$$2004. \ \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{1,5} \lor \neg e_{2,5} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg$$

$$2005. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{e_{1,5}, e_{2,5}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$2006. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{e_{1,5}, e_{2,5}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$2007. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{e_{1,5}, e_{2,5}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$2008. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{e_{1,5}, e_{2,5}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$2009. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash e_{2,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$2010. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash e_{2,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$2011. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash e_{2,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$2012. \ \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash e_{2,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{2,5}, \neg e_{2,6$$

$$2013. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor$$

$$2014. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor$$

$$2015. \ \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$2016. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor$$

$$2017. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$2018. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

2019.
$$e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$2020. \ \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$2021. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor \neg t_{$$

$$2022. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor \neg t_{$$

$$2023. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor \neg t_{e_{2,5}, \neg$$

$$2024. \ \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor \neg t$$

$$2025. \ \, \neg e_{2,5} \lor t_{e_{1,2}, \, \neg e_{2,3}}, e_{2,5} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \vdash t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}}$$

$$2026. \ \, \neg e_{2,5} \lor t_{e_{1,2},\, \neg e_{2,3}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}} \vdash \neg t_{e_{2,5},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,6}$$

$$2027. \ \, \neg e_{2,5} \lor t_{e_{1,2}, \, \neg e_{2,3}}, e_{2,5} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \vdash t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}}$$

$$2028. \ \, \neg e_{2,5} \lor t_{e_{1,2}, \, \neg e_{2,3}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \, \neg e_{2,6}} \vdash t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \, \neg e_{2,6}}$$

2029.
$$\neg e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$2030. \ \, \neg e_{2,5} \lor t_{e_{1,2}, \, \neg e_{2,3}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \, \neg e_{2,6}} \vdash t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \, \neg e_{2,6}}$$

2031.
$$\neg e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$2032. \ \neg e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg t_{e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,6}$$

2033.
$$\neg e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}}$$

$$2034. \ \, \neg e_{2,5} \lor t_{e_{1,2},\, \neg e_{2,3}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \vdash t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\, \neg e_{2,6}}$$

2035.
$$\neg e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}}$$

2036.
$$\neg e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg t_{e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,6}$$

2037.
$$\neg e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

$$2038. \ \, \neg e_{2,5} \lor t_{e_{1,2},\, \neg e_{2,3}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}} \vdash \neg t_{e_{2,5},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,6}$$

$$2039. \ \, \neg e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

2040.
$$\neg e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$2041. \ \neg e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,5}, \neg e_{2,5}}$$

2042.
$$\neg e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,5}, \neg e_{2,5}}$$

2043.
$$\neg e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,5}, \neg e_{2,5}}$$

2044.
$$\neg e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,5}, \neg e_{2,5}}$$

$$2045. \ \, \neg e_{2,5} \lor t_{e_{1,2}, \, \neg e_{2,3}}, \neg e_{1,5} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \, e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \, e_{2,5}} \lor t_{e_{1,2}, \, \neg e_{2,3}}$$

$$2046. \ \, \neg e_{2,5} \lor t_{e_{1,2}, \, \neg e_{2,3}}, \neg e_{1,5} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \, e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \, e_{2,5}} \lor t_{e_{1,2}, \, \neg e_{2,3}}$$

$$2047. \ \neg e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,5} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$2048. \ \, \neg e_{2,5} \lor t_{e_{1,2}, \, \neg e_{2,3}}, \neg e_{1,5} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \, e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \, e_{2,5}} \lor t_{e_{1,2}, \, \neg e_{2,3}}$$

$$2049. \ \, \neg e_{2,5} \lor t_{e_{1,2}, \, \neg e_{2,3}}, e_{2,5} \lor t_{e_{1,5}, \, \neg e_{2,5}} \vdash t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{e_{1,5}, \, \neg e_{2,5}}$$

2050.
$$\neg e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,5}, \neg e_{2,5}}$$

2051.
$$\neg e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,5}, \neg e_{2,5}}$$

$$2052. \ \, \neg e_{2,5} \lor t_{e_{1,2}, \, \neg e_{2,3}}, e_{2,5} \lor t_{e_{1,5}, \, \neg e_{2,5}} \vdash t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{e_{1,5}, \, \neg e_{2,5}}$$

$$2053. \ \, \neg e_{2,5} \lor t_{e_{1,2}, \, \neg e_{2,3}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5}, \, e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{e_{1,5}, \, e_{2,5}}$$

$$2054. \ \, \neg e_{2,5} \lor t_{e_{1,2},\, \neg e_{2,3}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{e_{1,5},\, e_{2,5}}$$

2055.
$$\neg e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,5}, e_{2,5}}$$

$$2056. \ \neg e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,5}, e_{2,5}}$$

$$2057. \ e_{2,6} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{2,5} \lor \lnot e_{2,6} \lor \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \vdash \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{2,5}$$

$$2058. \ e_{2,6} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{2,6} \lor t_{\lnot e_{1,2}, \lnot e_{2,3}} \vdash t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, \lnot e_{2,3}}$$

2059.
$$e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

2060.
$$e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

2061.
$$e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$2062. \ e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$2063. \ e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5}$$

2064.
$$e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

2065.
$$e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}}$$

$$2066. \ e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

2067.
$$e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5}$$

2068.
$$e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}}$$

$$2069. \ e_{2,6} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{2,5} \lor \lnot e_{2,6} \lor \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \vdash \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{2,5}$$

2070.
$$e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

2071.
$$e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

$$2072. \ e_{2,6} \lor t_{e_{1,2}, \lnot e_{2,3}}, e_{2,5} \lor \lnot e_{2,6} \lor \lnot t_{e_{2,5}, \lnot e_{2,6}} \vdash t_{e_{1,2}, \lnot e_{2,3}} \lor e_{2,5} \lor \lnot t_{e_{2,5}, \lnot e_{2,6}}$$

$$2073. \ e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$2074. \ e_{2,6} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,6} \lor \lnot e_{2,6} \lor \lnot t_{\lnot e_{1,6}, \lnot e_{2,6}} \vdash \lnot e_{1,6} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{1,6}, \lnot$$

$$2075. \ e_{2,6} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,6} \lor \lnot e_{2,6} \lor \lnot t_{\lnot e_{1,6}, \lnot e_{2,6}} \vdash \lnot e_{1,6} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,6}, \lnot e_{2,6}}$$

$$2076. \ e_{2,6} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,6} \lor \lnot e_{2,6} \lor \lnot t_{\lnot e_{1,6}, \lnot e_{2,6}} \vdash \lnot e_{1,6} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,6}, \lnot e_{2,6}}$$

2077.
$$e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

2078.
$$e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

$$2079. \ e_{2,6} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{2,6} \lor t_{\lnot e_{1,6}, e_{2,6}} \vdash t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,6}, e_{2,6}}$$

2080.
$$e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

$$2081. \ e_{2,6} \lor t_{e_{1,2}, \lnot e_{2,3}}, e_{1,6} \lor \lnot e_{2,6} \lor \lnot t_{e_{1,6}, \lnot e_{2,6}} \vdash \lnot t_{e_{1,6}, \lnot e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor e_{1,6}$$

$$2082. \ e_{2,6} \lor t_{e_{1,2}, \lnot e_{2,3}}, e_{1,6} \lor \lnot e_{2,6} \lor \lnot t_{e_{1,6}, \lnot e_{2,6}} \vdash \lnot t_{e_{1,6}, \lnot e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor e_{1,6}$$

$$2083. \ e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6}$$

$$2084. \ \ e_{2,6} \lor t_{e_{1,2}, \lnot e_{2,3}}, e_{1,6} \lor \lnot e_{2,6} \lor \lnot t_{e_{1,6}, \lnot e_{2,6}} \vdash \lnot t_{e_{1,6}, \lnot e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor e_{1,6}$$

2085.
$$e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,6}, e_{2,6}}$$

2086.
$$e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,6}, e_{2,6}}$$

2087.
$$e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,6}, e_{2,6}}$$

2088.
$$e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,6}, e_{2,6}}$$

$$2089. \ \, \neg e_{2,4} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,5}, \neg e_{2,6}}, e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}} \vdash t_{e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}} \lor t_{\neg e$$

$$2090. \ \, \neg e_{2,4} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,5}, \neg e_{2,6}}, e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,5}, \neg e_{2,6}} \vdash t_{e_{2,5}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$2091. \ \neg e_{2,4} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,5}, \neg e_{2,6}}, e_{2,4} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{2,5}, \neg e_{2,6}} \vdash t_{e_{2,5}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2$$

$$2092. \ \, \neg e_{2,4} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{e_{2,5}, \, \neg e_{2,6}}, e_{2,4} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{e_{2,5}, \, e_{2,6}} \vdash t_{e_{2,5}, \, \neg e_{2,6}} \lor t_{e_{2,5}, \, e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{2,3$$

$$2093. \ \, \neg e_{2,4} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,5}, \neg e_{2,6}}, e_{2,4} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, \neg e_{2,6}} \vdash t_{e_{2,5}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{2,5}, \neg e_{2,6}}$$

$$2094. \ \, \neg e_{2,4} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,5}, \neg e_{2,6}}, e_{2,4} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,5}, e_{2,6}} \vdash t_{e_{2,5}, \neg e_{2,6}} \lor t_{e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$2095. \ \neg e_{2,4} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,5}, \neg e_{2,6}}, e_{2,4} \lor t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}} \vdash t_{e_{2,5}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}} \lor t_{e_{2,5}, \neg e_{2,$$

$$2096. \ \neg e_{2,4} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,5}, \neg e_{2,6}}, e_{2,4} \lor t_{e_{1,2}, e_{2,3}} \lor t_{e_{2,5}, \neg e_{2,6}} \vdash t_{e_{2,5}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,5}, \neg e_{2,6}} \lor t_{e_{2,5}, \neg e_{2,$$

$$2097. \ \neg e_{2,4} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,5}, \neg e_{2,6}}, e_{2,4} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \vdash t_{e_{2,5}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,4}, \neg e_{2,4}}$$

$$2098. \ \neg e_{2,4} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,5}, \neg e_{2,6}}, e_{2,4} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \vdash t_{e_{2,5}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,4}, \neg e_{2,4}}$$

$$2099. \ \, \neg e_{2,4} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{e_{2,5}, \, \neg e_{2,6}}, e_{2,4} \lor t_{\neg e_{1,4}, \, \neg e_{2,4}} \vdash t_{e_{2,5}, \, \neg e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,4}, \, \neg e_{2,4}}$$

$$2100. \ \, \neg e_{2,4} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{e_{2,5}, \, \neg e_{2,6}}, e_{2,4} \lor t_{\neg e_{1,4}, \, \neg e_{2,4}} \vdash t_{e_{2,5}, \, \neg e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,4}, \, \neg e_{2,4}}$$

$$2101. \ \, \neg e_{2,4} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{e_{2,5}, \, \neg e_{2,6}}, \neg e_{1,4} \lor e_{2,4} \lor \neg t_{\neg e_{1,4}, \, e_{2,4}} \vdash t_{e_{2,5}, \, \neg e_{2,6}} \lor \neg t_{\neg e_{1,4}, \, e_{2,4}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg e_{1,4} \lor e_{2,4} \lor \neg e_{2,4} \lor$$

$$2102. \ \, \neg e_{2,4} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{e_{2,5}, \, \neg e_{2,6}}, \neg e_{1,4} \lor e_{2,4} \lor \neg t_{\neg e_{1,4}, \, e_{2,4}} \vdash t_{e_{2,5}, \, \neg e_{2,6}} \lor \neg t_{\neg e_{1,4}, \, e_{2,4}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg e_{1,4} \lor e_{2,4} \lor \neg e_{2,4} \lor \neg e_{2,4} \lor \neg e_{2,5} \lor \neg e_{2,6} \lor$$

$$2103. \ \, \neg e_{2,4} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{2,5},\, \neg e_{2,6}}, \neg e_{1,4} \lor e_{2,4} \lor \neg t_{\neg e_{1,4},\, e_{2,4}} \vdash t_{e_{2,5},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,4},\, e_{2,4}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{1,4} \lor e_{2,4} \lor \neg e_{2,4} \lor \neg e_{2,4} \lor \neg e_{2,5} \lor \neg e_{2,6} \lor \neg e_{2$$

$$2104. \ \, \neg e_{2,4} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{2,5},\, \neg e_{2,6}}, \neg e_{1,4} \lor e_{2,4} \lor \neg t_{\neg e_{1,4},\, e_{2,4}} \vdash t_{e_{2,5},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,4},\, e_{2,4}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{1,4} \lor e_{2,4} \lor \neg e_{2,4} \lor \neg e_{2,4} \lor \neg e_{2,5} \lor \neg e_{2,6} \lor \neg e_{2$$

$$2105. \ \neg e_{2,4} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,5}, \neg e_{2,6}}, e_{2,4} \lor t_{e_{1,4}, \neg e_{2,4}} \vdash t_{e_{1,4}, \neg e_{2,4}} \lor t_{e_{2,5}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$2106. \ \, \neg e_{2,4} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{e_{2,5}, \, \neg e_{2,6}}, e_{2,4} \lor t_{e_{1,4}, \, \neg e_{2,4}} \vdash t_{e_{1,4}, \, \neg e_{2,4}} \lor t_{e_{2,5}, \, \neg e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}}$$

$$2107. \ \, \neg e_{2,4} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{e_{2,5}, \, \neg e_{2,6}}, e_{2,4} \lor t_{e_{1,4}, \, \neg e_{2,4}} \vdash t_{e_{1,4}, \, \neg e_{2,4}} \lor t_{e_{2,5}, \, \neg e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}}$$

$$2108. \ \, \neg e_{2,4} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{e_{2,5}, \, \neg e_{2,6}}, e_{2,4} \lor t_{e_{1,4}, \, \neg e_{2,4}} \vdash t_{e_{1,4}, \, \neg e_{2,4}} \lor t_{e_{2,5}, \, \neg e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}}$$

$$2109. \ \, \neg e_{2,4} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{e_{2,5}, \, \neg e_{2,6}}, e_{1,4} \lor e_{2,4} \lor \neg t_{e_{1,4}, \, e_{2,4}} \vdash t_{e_{2,5}, \, \neg e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{e_{1,4}, \, e_{2,4}} \lor e_{1,4}$$

$$2110. \ \, \neg e_{2,4} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{e_{2,5}, \, \neg e_{2,6}}, e_{1,4} \lor e_{2,4} \lor \neg t_{e_{1,4}, \, e_{2,4}} \vdash t_{e_{2,5}, \, \neg e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{e_{1,4}, \, e_{2,4}} \lor e_{1,4} \lor e_{1,4} \lor e_{1,4} \lor e_{2,4} \lor e_{1,4} \lor e_{2,4} \lor e_{2,5} \lor$$

$$2111. \ \, \neg e_{2,4} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{e_{2,5}, \, \neg e_{2,6}}, e_{1,4} \lor e_{2,4} \lor \neg t_{e_{1,4}, \, e_{2,4}} \vdash t_{e_{2,5}, \, \neg e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{e_{1,4}, \, e_{2,4}} \lor e_{1,4}$$

$$2112. \ \, \neg e_{2,4} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{e_{2,5}, \, \neg e_{2,6}}, e_{1,4} \lor e_{2,4} \lor \neg t_{e_{1,4}, \, e_{2,4}} \vdash t_{e_{2,5}, \, \neg e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{e_{1,4}, \, e_{2,4}} \lor e_{1,4} \lor e_{1,4} \lor e_{1,4} \lor e_{2,4} \lor e_{1,4} \lor e_{2,4} \lor e_{2,5} \lor$$

$$2113. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3}$$

$$2114. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3}$$

2115.
$$e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3}$$

$$2116. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3}$$

$$2117. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2118. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2119. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2120. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2121. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor e_{1,3} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,3}$$

$$2122. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor e_{1,3} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,3}$$

$$2123. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor e_{1,3} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,3}$$

$$2124. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor e_{1,3} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,3}$$

$$2125. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg e_{2,3} \lor \neg e_{2,4} \lor \neg e_{$$

$$2126. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg e_{2,3} \lor \neg e_{2,4} \lor \neg e_{$$

$$2127. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg e_{2,3} \lor \neg e_{2,4} \lor \neg e_{$$

$$2128. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg e_{2,3} \lor \neg e_{2,4} \lor \neg e_{$$

$$2129. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_$$

$$2130. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$2131. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_$$

$$2132. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$2133. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1$$

$$2134. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$2135. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1$$

$$2136. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

2137.
$$e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg e_{2,3} \lor e_{2,5} \lor e_{1,2}$$

$$2138. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg e_{2,3} \lor \neg e_{2,6} \lor e_{1,2}$$

$$2139. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,4} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, \, e_{2,6}} \vdash \neg e_{2,3} \lor \neg e_{2,4} \lor t_{\neg e_{2,5}, \, e_{2,6}} \lor e_{1,2}$$

$$2140. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg e_{2,3} \lor \neg e_{2,5} \lor e_{1,2}$$

2141.
$$e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg e_{2,3} \lor e_{1,2} \lor e_{2,6}$$

$$2142. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,4} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,5}, \neg e_{2,6}} \vdash t_{e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,3} \lor \neg e_{2,4} \lor e_{1,2}$$

$$2143. \ e_{1,2} \vee \neg e_{2,3} \vee \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,5} \vee t_{e_{1,2}, \neg e_{2,3}} \vdash \neg e_{2,3} \vee e_{2,5} \vee e_{1,2}$$

2144.
$$e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg e_{2,3} \lor e_{1,2} \lor e_{2,6}$$

$$2145. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,4} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, \neg e_{2,6}} \vdash \neg e_{2,3} \lor t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,2} \lor e_{2,4}$$

$$2146. \ e_{1,2} \vee \neg e_{2,3} \vee \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \vee t_{e_{1,2}, \neg e_{2,3}} \vdash \neg e_{2,3} \vee \neg e_{2,5} \vee e_{1,2}$$

$$2147. \ e_{1,2} \vee \neg e_{2,3} \vee \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,6} \vee t_{e_{1,2}, \neg e_{2,3}} \vdash \neg e_{2,3} \vee \neg e_{2,6} \vee e_{1,2}$$

$$2148. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,4} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,5}, e_{2,6}} \vdash \neg e_{2,3} \lor t_{e_{2,5}, e_{2,6}} \lor e_{1,2} \lor e_{2,4}$$

$$2149. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$2150. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}}$$

$$2151. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$2152. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}}$$

$$2153. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

2154.
$$e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}}$$

$$2155. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$2156. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}}$$

$$2157. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$2158. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$2159. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$2160. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$2161. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,2}$$

$$2162. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,2}$$

$$2163. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,2}$$

$$2164. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,2}$$

$$2165. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,2}$$

$$2166. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,2}$$

$$2167. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,2}$$

$$2168. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,2}$$

$$2169. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{1,3} \lor e_{2,3} \lor \neg t_{e_{1,3}, e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$2170. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{1,3} \lor e_{2,3} \lor \neg t_{e_{1,3}, e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$2171. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{1,3} \lor e_{2,3} \lor \neg t_{e_{1,3}, e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$2172. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{1,3} \lor e_{2,3} \lor \neg t_{e_{1,3}, e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$2173. \ \, \neg e_{1,2} \lor t_{e_{1,2},\, \neg e_{2,3}}, e_{1,2} \lor e_{1,3} \lor \neg t_{e_{1,2},\, e_{1,3}} \vdash \neg t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,3}$$

$$2174. \ \, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor e_{1,3} \lor \neg t_{e_{1,2}, e_{1,3}} \vdash \neg t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

2175.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor e_{1,3} \lor \neg t_{e_{1,2}, e_{1,3}} \vdash \neg t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

2176.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor e_{1,3} \lor \neg t_{e_{1,2}, e_{1,3}} \vdash \neg t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

$$2177. \ \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$2178. \ \, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$2179. \ \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$2180. \ \, \neg e_{1,2} \lor t_{e_{1,2}, \, \neg e_{2,3}}, e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,2}, \, \neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, \, \neg e_{1,3}} \lor t_{e_{1,2}, \, \neg e_{2,3}}$$

2181.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{1,3}}$$

2182.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{1,3}}$$

2183.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{1,3}}$$

2184.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{1,3}}$$

2185.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

2186.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

2187.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

2188.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$2189. \ \, \neg e_{1,2} \vee t_{e_{1,2},\, \neg e_{2,3}}, e_{1,2} \vee t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash t_{e_{1,2},\, \neg e_{2,3}} \vee t_{\neg e_{1,2},\, \neg e_{2,3}}$$

2190.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

2191.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

2192.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

2193.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

2194.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

2195.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

2196.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$2197. \ \, \neg e_{1,2} \lor t_{e_{1,2}, \, \neg e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg e_{2,3} \lor \lor \neg e_{2,3}$$

2198.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}$$

2199.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$2200. \ \, \neg e_{1,2} \lor t_{e_{1,2}, \, \neg e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg e_{2,3} \lor \lor \neg e_$$

$$2201. \ \, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,3}$$

2202.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,3}$$

2203.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,3}$$

$$2204. \ \, \neg e_{1,2} \lor t_{e_{1,2},\, \neg e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\, e_{2,3}} \vdash \neg t_{e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,3}$$

$$2205. \ e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,$$

$$2206. \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,2} \lor \lnot e_{2,3} \lor \lnot t_{\lnot e_{1,2}, \lnot e_{2,3}} \vdash \lnot e_{1,2} \lor \lnot t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,$$

$$2207. \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,2} \lor \lnot e_{2,3} \lor \lnot t_{\lnot e_{1,2}, \lnot e_{2,3}} \vdash \lnot e_{1,2} \lor \lnot t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,$$

$$2208. \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,2} \lor \lnot e_{2,3} \lor \lnot t_{\lnot e_{1,2}, \lnot e_{2,3}} \vdash \lnot e_{1,2} \lor \lnot t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,$$

2209.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

2210.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

2211.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

2212.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

2213.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$2214. \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, e_{1,2} \lor \lnot e_{2,3} \lor \lnot t_{e_{1,2}, \lnot e_{2,3}} \vdash \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor e_{1,2}$$

$$2215. \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, e_{1,2} \lor \lnot e_{2,3} \lor \lnot t_{e_{1,2}, \lnot e_{2,3}} \vdash \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor e_{1,2}$$

$$2216. \ e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

2217.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

2218.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

2219.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

$$2220. \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{2,3} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

$$2221. \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,3} \lor \lnot e_{2,3} \lor \lnot t_{\lnot e_{1,3}, \lnot e_{2,3}} \vdash \lnot e_{1,3} \lor \lnot t_{\lnot e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,$$

$$2222. \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,3} \lor \lnot e_{2,3} \lor \lnot t_{\lnot e_{1,3}, \lnot e_{2,3}} \vdash \lnot e_{1,3} \lor \lnot t_{\lnot e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,$$

$$2223. \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,3} \lor \lnot e_{2,3} \lor \lnot t_{\lnot e_{1,3}, \lnot e_{2,3}} \vdash \lnot e_{1,3} \lor \lnot t_{\lnot e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,$$

$$2224. \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,3} \lor \lnot e_{2,3} \lor \lnot t_{\lnot e_{1,3}, \lnot e_{2,3}} \vdash \lnot e_{1,3} \lor \lnot t_{\lnot e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,$$

2225.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

2226.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$2227. \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{2,3} \lor t_{\lnot e_{1,3}, e_{2,3}} \vdash t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,3}, e_{2,3}}$$

2228.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

2229.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,3} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \vdash \neg t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

$$2230. \ e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,3} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \vdash \neg t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

$$2231. \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, e_{1,3} \lor \lnot e_{2,3} \lor \lnot t_{e_{1,3}, \lnot e_{2,3}} \vdash \lnot t_{e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor e_{1,3}$$

$$2232. \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, e_{1,3} \lor \lnot e_{2,3} \lor \lnot t_{e_{1,3}, \lnot e_{2,3}} \vdash \lnot t_{e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor e_{1,3}$$

$$2233. \ e_{2,3} \lor t_{e_{1,2}, \, \lnot e_{2,3}}, \lnot e_{2,3} \lor t_{e_{1,3}, \, e_{2,3}} \vdash t_{e_{1,3}, \, e_{2,3}} \lor t_{e_{1,2}, \, \lnot e_{2,3}}$$

$$2234. \ e_{2,3} \lor t_{e_{1,2}, \, \lnot e_{2,3}}, \lnot e_{2,3} \lor t_{e_{1,3}, \, e_{2,3}} \vdash t_{e_{1,3}, \, e_{2,3}} \lor t_{e_{1,2}, \, \lnot e_{2,3}}$$

2235.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$2236. \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{2,3} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}}$$

$$2237. \ \, \neg e_{2,5} \vee \neg e_{2,6} \vee \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,5} \vee t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vee t_{\neg e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,6} \vee t_{\neg e_{1,2}, \neg e_{2,6}} \vee \neg e_{2,6} \vee \tau_{\neg e_{1,2}, \neg e_{2,6}} \vee \neg e_{2,6} \vee \tau_{\neg e_{1,2}, \neg e_{2,6}} \vee \neg e_{2,6} \vee \tau_{\neg e_{1,2}, \neg e_{2,6}} \vee \neg e_{2,6} \vee \neg e_{2,$$

$$2238. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5}$$

$$2239. \ \, \neg e_{2,5} \vee \neg e_{2,6} \vee \neg t_{\neg e_{2,5}, \neg e_{2,6}}, \neg e_{2,4} \vee t_{\neg e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{2,5}, \neg e_{2,6}} \vdash \neg e_{2,4} \vee t_{\neg e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,5} \vee \neg e_{2,6} \vee \neg e_$$

$$2240. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor \neg e_{2,5} \lor \neg e_{2,6} \lor \neg e_$$

$$2241. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,6}$$

$$2242. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor \neg$$

$$2243. \ \, \neg e_{2,5} \vee \neg e_{2,6} \vee \neg t_{\neg e_{2,5}, \, \neg e_{2,6}}, e_{2,6} \vee t_{\neg e_{1,2}, \, \neg e_{2,3}} \vdash \neg t_{\neg e_{2,5}, \, \neg e_{2,6}} \vee t_{\neg e_{1,2}, \, \neg e_{2,3}} \vee \neg e_{2,5}$$

$$2244. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor \neg e_{2,6} \lor \neg e_$$

$$2245. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{2,6}$$

$$2246. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e_$$

$$2247. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$2248. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{2,6}$$

$$2249. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$2250. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,4} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{2,5}, \neg e_{2,6}} \vdash \neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{2,6} \lor e_{2,4}$$

$$2251. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor \neg e_{2,6} \lor \neg e_$$

$$2252. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,6}$$

$$2253. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e_$$

$$2254. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5}$$

$$2255. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,6}$$

$$2256. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5}$$

$$2257. \ \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,4} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, \neg e_{2,6}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \lor \neg e_{2,6} \lor e_{2,4}$$

$$2258. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,5} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor \neg e_{2,6}$$

$$2259. \ \, \neg e_{2,5} \vee \neg e_{2,6} \vee \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,6} \vee t_{e_{1,2}, e_{2,3}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vee t_{e_{1,2}, e_{2,3}} \vee \neg e_{2,5}$$

$$2260. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, \neg e_{2,4} \lor t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{2,5}, \neg e_{2,6}} \vdash \neg e_{2,4} \lor t_{e_{1,2}, e_{2,3}} \lor \neg e_{2,5} \lor \neg e_{2,6} \lor$$

$$2261. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor \neg e_{2,5} \lor \neg e_{2,6} \lor \neg e_{2,6} \lor \neg e_{2,5} \lor \neg e_{2,6} \lor \neg e_$$

$$2262. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,5} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor \neg e_{2,6}$$

$$2263. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor \neg$$

$$2264. \ \, \neg e_{2,5} \vee \neg e_{2,6} \vee \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,6} \vee t_{e_{1,2}, \, e_{2,3}} \vdash \neg t_{\neg e_{2,5}, \, \neg e_{2,6}} \vee t_{e_{1,2}, \, e_{2,3}} \vee \neg e_{2,5}$$

$$2265. \ \, \neg e_{2,5} \vee \neg e_{2,6} \vee \neg t_{\neg e_{2,5}, \, \neg e_{2,6}}, e_{2,5} \vee t_{\neg e_{1,5}, \, \neg e_{2,5}} \vdash t_{\neg e_{1,5}, \, \neg e_{2,5}} \vee \neg t_{\neg e_{2,5}, \, \neg e_{2,6}} \vee \neg e_{2,6} \vee \neg e_{2,6$$

$$2266. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,5} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash t_{\neg e_{1,5}, \neg e_{2,5}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e_$$

$$2267. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \, \neg e_{2,6}}, e_{2,5} \lor t_{\neg e_{1,5}, \, \neg e_{2,5}} \vdash t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor \neg t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$2268. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,5} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash t_{\neg e_{1,5}, \neg e_{2,5}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e_$$

$$2269. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, \neg e_{1,5} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}$$

$$2270. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, \neg e_{1,5} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \lor \neg e_{2,6} \lor \neg e_$$

$$2271. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, \neg e_{1,5} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \lor \neg e_{2,6}$$

$$2272. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, \neg e_{1,5} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \lor \neg e_{2,6}$$

$$2273. \ \, \neg e_{2,5} \vee \neg e_{2,6} \vee \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,5} \vee t_{e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,5}, \neg e_{2,5}} \vee \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vee \neg e_{2,6} \vee \neg e_{2,6$$

$$2274. \ \, \neg e_{2,5} \vee \neg e_{2,6} \vee \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,5} \vee t_{e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,5}, \neg e_{2,5}} \vee \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vee \neg e_{2,6} \vee \neg e_{2,6$$

$$2275. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,5} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e_{2,6$$

$$2276. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,5} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$2277. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \, \neg e_{2,6}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5}, \, e_{2,5}} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor \neg t_{e_{1,5}, \, e_{2,5}} \lor \neg e_{2,6} \lor \neg e_$$

$$2278. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg e_{2,6} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg e_{2,6} \lor$$

$$2279. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg e_{2,6} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg e_{2,6} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg e_{2,6} \lor \neg e_{2,6}$$

$$2280. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg e_{2,6}$$

$$2281. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,5}$$

$$2282. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,5}$$

$$2283. \ \, \neg e_{2,5} \vee \neg e_{2,6} \vee \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,6} \vee t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vee t_{\neg e_{1,6}, \neg e_{2,6}} \vee \neg e_{2,5}$$

$$2284. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,5}$$

$$2285. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \lor \neg e_{2,6} \lor \neg e_$$

$$2286. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \lor \neg e_{2,6} \lor \neg e_$$

$$2287. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \lor \neg e_{2,6} \lor \neg e_$$

$$2288. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \lor \neg e_{2,6} \lor \neg e_$$

$$2289. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,5}$$

$$2290. \ \, \neg e_{2,5} \vee \neg e_{2,6} \vee \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,6} \vee t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \vee \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vee \neg e_{2,5}$$

$$2291. \ \, \neg e_{2,5} \vee \neg e_{2,6} \vee \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,6} \vee t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \vee \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vee \neg e_{2,5}$$

$$2292. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,5}$$

$$2293. \ \, \neg e_{2,5} \vee \neg e_{2,6} \vee \neg t_{\neg e_{2,5}, \, \neg e_{2,6}}, e_{1,6} \vee e_{2,6} \vee \neg t_{e_{1,6}, \, e_{2,6}} \vdash \neg t_{e_{1,6}, \, e_{2,6}} \vee \neg t_{\neg e_{2,5}, \, \neg e_{2,6}} \vee e_{1,6} \vee \neg e_{2,5} \vee e_{2,6} \vee e_{2,6} \vee \neg e_{2,6} \vee e_{2,6} \vee$$

$$2294. \ \, \neg e_{2,5} \vee \neg e_{2,6} \vee \neg t_{\neg e_{2,5},\, \neg e_{2,6}}, e_{1,6} \vee e_{2,6} \vee \neg t_{e_{1,6},\, e_{2,6}} \vdash \neg t_{e_{1,6},\, e_{2,6}} \vee \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \vee e_{1,6} \vee \neg e_{2,5} \vee e_{2,6} \vee e_{2,6} \vee \neg e_{2,6} \vee e_{2$$

$$2295. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2296. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2297. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{2,5} \lor \lnot e_{2,6} \lor \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \vdash \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{2,6} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{2,6} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{2,6} \lor t_{e_{1,2}, \lnot e_{2,6}} \lor t_{e_{1,2$$

2298.
$$e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$2299. \ e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$2300. \ e_{2,5} \lor t_{e_{1,2}, \, \neg e_{2,3}}, \neg e_{2,5} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \vdash t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}}$$

$$2301. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{2,5} \lor e_{2,6} \lor \lnot t_{\lnot e_{2,5}, e_{2,6}} \vdash t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{2,5}, e_{2,6}} \lor e_{2,6} \lor e$$

$$2302. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{2,5} \lor t_{\lnot e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e_{2,3}}$$

$$2303. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{2,5} \lor \lnot e_{2,6} \lor \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \vdash \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{2,6} \lor t_{e_{1,2}, \lnot e_{2,6}} \lor t_{e_{1,2}, \lnot e$$

$$2304. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{2,5} \lor t_{\lnot e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e_{2,3}}$$

$$2305. \ \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{2,5} \lor e_{2,6} \lor \lnot t_{\lnot e_{2,5}, e_{2,6}} \vdash t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{2,5}, e_{2,6}} \lor e_{2,6}$$

2306.
$$e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}}$$

$$2307. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{2,5} \lor \lnot e_{2,6} \lor \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \vdash \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{2,6}$$

2308.
$$e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}}$$

$$2309. \ \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{2,5} \lor \lnot e_{2,6} \lor \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \vdash \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{2,6} \lor t_{e_{1,2}, \lnot e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{2,6} \lor t_{e_{1,2}, \lnot e_{2,6}} \lor t$$

2310.
$$e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

$$2311. \ e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

2312.
$$e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

$$2313. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,5} \lor \lnot e_{2,5} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{2,5}} \vdash \lnot e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{2,5}}$$

$$2314. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,5} \lor \lnot e_{2,5} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{2,5}} \vdash \lnot e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{2,5}} \lor t_{\lnot e_{1,5}, \lnot$$

$$2315. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,5} \lor \lnot e_{2,5} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{2,5}} \vdash \lnot e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{2,5}}$$

$$2316. \ \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,5} \lor \lnot e_{2,5} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{2,5}} \vdash \lnot e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{2,5}} \lor t_{\lnot e_{1,5},$$

2317.
$$e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,5}, e_{2,5}}$$

2318.
$$e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,5}, e_{2,5}}$$

2319.
$$e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,5}, e_{2,5}}$$

2320.
$$e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,5}, e_{2,5}}$$

2321.
$$e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,5} \lor \neg e_{2,5} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,5}, \neg e_{2,5}}$$

$$2322. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, e_{1,5} \lor \lnot e_{2,5} \lor \lnot t_{e_{1,5}, \lnot e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{e_{1,5}, \lnot e_{2,5}}$$

$$2323. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, e_{1,5} \lor \lnot e_{2,5} \lor \lnot t_{e_{1,5}, \lnot e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{e_{1,5}, \lnot e_{2,5}} \lor t_{e_{1,5}, \lnot e_{2,$$

$$2324. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, e_{1,5} \lor \lnot e_{2,5} \lor \lnot t_{e_{1,5}, \lnot e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{e_{1,5}, \lnot e_{2,5}}$$

2325.
$$e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,5}, e_{2,5}}$$

2326.
$$e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,5}, e_{2,5}}$$

2327.
$$e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,5}, e_{2,5}}$$

2328.
$$e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,5}, e_{2,5}}$$

$$2329. \ e_{2,6} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{2,5} \lor \lnot e_{2,6} \lor \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \vdash \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{2,5}$$

2330.
$$e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

2331.
$$e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$2332. \ e_{2,6} \lor t_{e_{1,2}, \lnot e_{2,3}}, e_{2,5} \lor \lnot e_{2,6} \lor \lnot t_{e_{2,5}, \lnot e_{2,6}} \vdash t_{e_{1,2}, \lnot e_{2,3}} \lor e_{2,5} \lor \lnot t_{e_{2,5}, \lnot e_{2,6}}$$

2333.
$$e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

2334.
$$e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$2335. \ e_{2,6} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{2,5} \lor \lnot e_{2,6} \lor \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \vdash \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{2,5}$$

2336.
$$e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

2337.
$$e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}}$$

2338.
$$e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$2339. \ e_{2,6} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{2,5} \lor \lnot e_{2,6} \lor \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \vdash \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{2,5}$$

2340.
$$e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}}$$

$$2341. \ e_{2,6} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{2,5} \lor \lnot e_{2,6} \lor \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \vdash \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{2,5}$$

2342.
$$e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

2343.
$$e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

$$2344. \ e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$2345. \ e_{2,6} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,6} \lor \lnot e_{2,6} \lor \lnot t_{\lnot e_{1,6}, \lnot e_{2,6}} \vdash \lnot e_{1,6} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{1,6}, \lnot$$

$$2346. \ e_{2,6} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,6} \lor \lnot e_{2,6} \lor \lnot t_{\lnot e_{1,6}, \lnot e_{2,6}} \vdash \lnot e_{1,6} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{1,6}, \lnot$$

$$2347. \ e_{2,6} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,6} \lor \lnot e_{2,6} \lor \lnot t_{\lnot e_{1,6}, \lnot e_{2,6}} \vdash \lnot e_{1,6} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,6}, \lnot e_{2,6}}$$

$$2348. \ e_{2,6} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,6} \lor \lnot e_{2,6} \lor \lnot t_{\lnot e_{1,6}, \lnot e_{2,6}} \vdash \lnot e_{1,6} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,6}, \lnot e_{2,6}}$$

$$2349. \ e_{2,6} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{2,6} \lor t_{\lnot e_{1,6}, e_{2,6}} \vdash t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,6}, e_{2,6}}$$

2350.
$$e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

2351.
$$e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

2352.
$$e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

$$2353. \ e_{2,6} \lor t_{e_{1,2}, \lnot e_{2,3}}, e_{1,6} \lor \lnot e_{2,6} \lor \lnot t_{e_{1,6}, \lnot e_{2,6}} \vdash \lnot t_{e_{1,6}, \lnot e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor e_{1,6}$$

$$2354. \ \ e_{2,6} \lor t_{e_{1,2}, \lnot e_{2,3}}, e_{1,6} \lor \lnot e_{2,6} \lor \lnot t_{e_{1,6}, \lnot e_{2,6}} \vdash \lnot t_{e_{1,6}, \lnot e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor e_{1,6}$$

$$2355. \ e_{2,6} \lor t_{e_{1,2}, \lnot e_{2,3}}, e_{1,6} \lor \lnot e_{2,6} \lor \lnot t_{e_{1,6}, \lnot e_{2,6}} \vdash \lnot t_{e_{1,6}, \lnot e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor e_{1,6}$$

$$2356. \ \ e_{2,6} \lor t_{e_{1,2}, \lnot e_{2,3}}, e_{1,6} \lor \lnot e_{2,6} \lor \lnot t_{e_{1,6}, \lnot e_{2,6}} \vdash \lnot t_{e_{1,6}, \lnot e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor e_{1,6}$$

2357.
$$e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,6}, e_{2,6}}$$

2358.
$$e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,6}, e_{2,6}}$$

2359.
$$e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,6}, e_{2,6}}$$

2360.
$$e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,6}, e_{2,6}}$$

$$2361. \ e_{2,4} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{2,5}, \lnot e_{2,6}}, \lnot e_{2,4} \lor t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{2,5}, \lnot e_{2,6}} \vdash t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{2,5}, \lnot e_{2,6}}$$

$$2362. \ e_{2,4} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{2,5}, \lnot e_{2,6}}, \lnot e_{2,4} \lor t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor t_{e_{2,5}, e_{2,6}} \vdash t_{e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{2,5}, \lnot e_{2,6}}, \lnot e_{2,6} \lor e_{2,6}, \lnot e_{2,6} \lor e_{2,6}, \lnot e_{2,6} \lor e_{2,6}, \lnot e_{2,6},$$

$$2363. \ \ e_{2,4} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{2,5}, \lnot e_{2,6}}, \lnot e_{2,4} \lor t_{\lnot e_{1,2}, e_{2,3}} \lor t_{\lnot e_{2,5}, e_{2,6}} \vdash t_{\lnot e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor t_{\lnot e_{1,2}, e_{2,3}} \lor t_{\lnot e_{1$$

$$2364. \ \ e_{2,4} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{2,5}, \lnot e_{2,6}}, \lnot e_{2,4} \lor t_{\lnot e_{1,2}, e_{2,3}} \lor t_{e_{2,5}, \lnot e_{2,6}} \vdash t_{e_{2,5}, \lnot e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor t_{\lnot e_{1,2}, e_{2,3}} \lor t_{\lnot e_{1$$

$$2365. \ e_{2,4} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{2,5}, \lnot e_{2,6}}, \lnot e_{2,4} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{2,5}, e_{2,6}} \vdash t_{\lnot e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor$$

$$2366. \ e_{2,4} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{2,5}, \lnot e_{2,6}}, \lnot e_{2,4} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{2,5}, \lnot e_{2,6}} \vdash t_{e_{2,5}, \lnot e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor t_{e_{2,5}, \lnot e_{2,6}} \lor t_{e_{2,5$$

$$2367. \ e_{2,4} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{2,5}, \lnot e_{2,6}}, \lnot e_{2,4} \lor t_{e_{1,2}, e_{2,3}} \lor t_{\lnot e_{2,5}, \lnot e_{2,6}} \vdash t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{2,5}, \lnot e_{2,6}}$$

$$2368. \ e_{2,4} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{2,5}, \lnot e_{2,6}}, \lnot e_{2,4} \lor t_{e_{1,2}, e_{2,3}} \lor t_{e_{2,5}, e_{2,6}} \vdash t_{e_{1,2}, e_{2,3}} \lor t_{e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor t_{e_{2,5}, \lnot e_{2,$$

$$2369. \ \ e_{2,4} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{2,5}, \lnot e_{2,6}}, \lnot e_{1,4} \lor \lnot e_{2,4} \lor \lnot t_{\lnot e_{1,4}, \lnot e_{2,4}} \vdash t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor \lnot t_{\lnot e_{1,4}, \lnot e_{2,4}} \lor \lnot e_{1,4}, \lnot e_{1,4}, \lnot e_{2,4} \lor \lnot e_{1,4}, \lnot e_{2,4}, \lnot e_{2,5}, \lnot e_{2,6}, \lnot$$

$$2370. \ \ e_{2,4} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{2,5}, \lnot e_{2,6}}, \lnot e_{1,4} \lor \lnot e_{2,4} \lor \lnot t_{\lnot e_{1,4}, \lnot e_{2,4}} \vdash t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor \lnot t_{\lnot e_{1,4}, \lnot e_{2,4}} \lor \lnot e_{1,4}, \lnot e_{1,4}, \lnot e_{2,4} \lor \lnot e_{1,4}, \lnot e_{2,4}, \lnot e_{2,4$$

$$2371. \ e_{2,4} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{2,5}, \lnot e_{2,6}}, \lnot e_{1,4} \lor \lnot e_{2,4} \lor \lnot t_{\lnot e_{1,4}, \lnot e_{2,4}} \vdash t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor \lnot t_{\lnot e_{1,4}, \lnot e_{2,4}} \lor \lnot e_{1,4}, \lnot e_{1,4}, \lnot e_{2,4} \lor \lnot e_{1,4}, \lnot e_{2,4}, \lnot e$$

$$2372. \ \ e_{2,4} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{2,5}, \lnot e_{2,6}}, \lnot e_{1,4} \lor \lnot e_{2,4} \lor \lnot t_{\lnot e_{1,4}, \lnot e_{2,4}} \vdash t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor \lnot t_{\lnot e_{1,4}, \lnot e_{2,4}} \lor \lnot e_{1,4}, \lnot e_{1,4}, \lnot e_{2,4} \lor \lnot e_{1,4}, \lnot e_{2,4}, \lnot$$

$$2373. \ e_{2,4} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{2,5}, \lnot e_{2,6}}, \lnot e_{2,4} \lor t_{\lnot e_{1,4}, e_{2,4}} \vdash t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,4}, e_{2,4}} \lor t_{\lnot e_{2,5}, \lnot e_{2,6}}$$

$$2374. \ e_{2,4} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{2,5}, \lnot e_{2,6}}, \lnot e_{2,4} \lor t_{\lnot e_{1,4}, e_{2,4}} \vdash t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,4}, e_{2,4}} \lor t_{\lnot e_{2,5}, \lnot e_{2,6}}, \lnot e_{2,6} \lor e_{2,6} \lor$$

$$2375. \ \ e_{2,4} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{2,5}, \lnot e_{2,6}}, \lnot e_{2,4} \lor t_{\lnot e_{1,4}, e_{2,4}} \vdash t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,4}, e_{2,4}} \lor t_{\lnot e_{2,5}, \lnot e_{2,6}}$$

$$2376. \ \ e_{2,4} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{2,5}, \lnot e_{2,6}}, \lnot e_{2,4} \lor t_{\lnot e_{1,4}, e_{2,4}} \vdash t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,4}, e_{2,4}} \lor t_{\lnot e_{2,5}, \lnot e_{2,6}}, \lnot e_{2,6} \lor e_{2,6}$$

$$2377. \ \ e_{2,4} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{2,5}, \lnot e_{2,6}}, e_{1,4} \lor \lnot e_{2,4} \lor \lnot t_{e_{1,4}, \lnot e_{2,4}} \vdash t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor \lnot t_{e_{1,4}, \lnot e_{2,4}} \lor e_{1,4} \lor e_{1,$$

$$2378. \ \ e_{2,4} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{2,5}, \lnot e_{2,6}}, e_{1,4} \lor \lnot e_{2,4} \lor \lnot t_{e_{1,4}, \lnot e_{2,4}} \vdash t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor \lnot t_{e_{1,4}, \lnot e_{2,4}} \lor e_{1,4} \lor e_{1,4}, e_$$

$$2379. \ \ e_{2,4} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{2,5}, \lnot e_{2,6}}, e_{1,4} \lor \lnot e_{2,4} \lor \lnot t_{e_{1,4}, \lnot e_{2,4}} \vdash t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor \lnot t_{e_{1,4}, \lnot e_{2,4}} \lor e_{1,4}$$

$$2380. \ \ e_{2,4} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{2,5}, \lnot e_{2,6}}, e_{1,4} \lor \lnot e_{2,4} \lor \lnot t_{e_{1,4}, \lnot e_{2,4}} \vdash t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor \lnot t_{e_{1,4}, \lnot e_{2,4}} \lor e_{1,4}$$

$$2381. \ e_{2,4} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{2,5}, \lnot e_{2,6}}, \lnot e_{2,4} \lor t_{e_{1,4}, \, e_{2,4}} \vdash t_{e_{1,4}, \, e_{2,4}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{2,5}, \lnot e_{2,6}}, \lnot e_{2,6} \lor e_{2,6} \lor$$

$$2382. \ e_{2,4} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{2,5}, \lnot e_{2,6}}, \lnot e_{2,4} \lor t_{e_{1,4}, e_{2,4}} \vdash t_{e_{1,4}, e_{2,4}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{2,5}, \lnot e_{2,6}}, \lnot e_{2,6} \lor e_{2$$

$$2383. \ e_{2,4} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{2,5}, \lnot e_{2,6}}, \lnot e_{2,4} \lor t_{e_{1,4}, e_{2,4}} \vdash t_{e_{1,4}, e_{2,4}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{2,5}, \lnot e_{2,6}}, \lnot e_{2,6} \lor e_{2$$

$$2384. \ e_{2,4} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{2,5}, \lnot e_{2,6}}, \lnot e_{2,4} \lor t_{e_{1,4}, e_{2,4}} \vdash t_{e_{1,4}, e_{2,4}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{2,5}, \lnot e_{2,6}}$$

2385.
$$e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3}$$

$$2386. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3}$$

$$2387. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3}$$

$$2388. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3}$$

$$2389. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2390. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2391. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2392. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2393. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor e_{1,3} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,3}$$

$$2394. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor e_{1,3} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,3}$$

$$2395. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor e_{1,3} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,3}$$

$$2396. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor e_{1,3} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,3}$$

$$2397. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg e_{2,3} \lor \neg e_{2,4} \lor \neg e_{$$

$$2398. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg e_{2,3} \lor \neg e_{2,4} \lor \neg e_{$$

$$2399. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg e_{2,3} \lor \neg e_{2,4} \lor \neg e_{$$

$$2400. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg e_{1,2} \lor \neg e_{1,3} \lor \neg e_{$$

$$2401. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_$$

$$2402. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$2403. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1$$

$$2404. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$2405. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_$$

$$2406. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$2407. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1$$

$$2408. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

2409.
$$e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg e_{2,3} \lor e_{2,5} \lor e_{1,2}$$

$$2410. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg e_{2,3} \lor \neg e_{2,6} \lor e_{1,2}$$

$$2411. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,4} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}} \vdash \neg e_{2,3} \lor \neg e_{2,4} \lor t_{\neg e_{2,5}, e_{2,6}} \lor e_{1,2}$$

2412.
$$e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg e_{2,3} \lor \neg e_{2,5} \lor e_{1,2}$$

$$2413. \ e_{1,2} \vee \neg e_{2,3} \vee \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,6} \vee t_{e_{1,2}, \neg e_{2,3}} \vdash \neg e_{2,3} \vee e_{1,2} \vee e_{2,6}$$

$$2414. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,4} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,5}, \neg e_{2,6}} \vdash t_{e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,3} \lor \neg e_{2,4} \lor e_{1,2}$$

2415.
$$e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg e_{2,3} \lor e_{2,5} \lor e_{1,2}$$

$$2416. \ e_{1,2} \vee \neg e_{2,3} \vee \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,6} \vee t_{e_{1,2}, \neg e_{2,3}} \vdash \neg e_{2,3} \vee e_{1,2} \vee e_{2,6}$$

$$2417. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,4} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, \neg e_{2,6}} \vdash \neg e_{2,3} \lor t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,2} \lor e_{2,4}$$

2418.
$$e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg e_{2,3} \lor \neg e_{2,5} \lor e_{1,2}$$

2419.
$$e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg e_{2,3} \lor \neg e_{2,6} \lor e_{1,2}$$

$$2420. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,4} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,5}, e_{2,6}} \vdash \neg e_{2,3} \lor t_{e_{2,5}, e_{2,6}} \lor e_{1,2} \lor e_{2,4}$$

$$2421. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$2422. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}}$$

$$2423. \ e_{1,2} \vee \neg e_{2,3} \vee \neg t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \vee e_{2,3} \vee \neg t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \vee \neg t_{e_{1,2}, \neg e_{2,3}} \vee e_{1,2}$$

$$2424. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}}$$

$$2425. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$2426. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}}$$

$$2427. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$2428. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}}$$

$$2429. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$2430. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$2431. \ e_{1,2} \vee \neg e_{2,3} \vee \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,3} \vee t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \vee \neg t_{e_{1,2}, \neg e_{2,3}} \vee e_{1,2}$$

$$2432. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$2433. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,2}$$

$$2434. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,2}$$

$$2435. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,2}$$

$$2436. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,2}$$

$$2437. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,2}$$

$$2438. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,2}$$

$$2439. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,2}$$

$$2440. \ \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,2}$$

$$2441. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{1,3} \lor e_{2,3} \lor \neg t_{e_{1,3}, e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$2442. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{1,3} \lor e_{2,3} \lor \neg t_{e_{1,3}, e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$2443. \ e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}, e_{1,3} \lor e_{2,3} \lor \neg t_{e_{1,3}, e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$2444. \ e_{1,2} \vee \neg e_{2,3} \vee \neg t_{e_{1,2}, \neg e_{2,3}}, e_{1,3} \vee e_{2,3} \vee \neg t_{e_{1,3}, e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \vee \neg t_{e_{1,3}, e_{2,3}} \vee e_{1,3} \vee e_{1,2}$$

$$2445. \ \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor e_{1,3} \lor \neg t_{e_{1,2}, e_{1,3}} \vdash \neg t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

2446.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor e_{1,3} \lor \neg t_{e_{1,2}, e_{1,3}} \vdash \neg t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

$$2447. \ \, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor e_{1,3} \lor \neg t_{e_{1,2}, e_{1,3}} \vdash \neg t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

2448.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor e_{1,3} \lor \neg t_{e_{1,2}, e_{1,3}} \vdash \neg t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

$$2449. \ \, \neg e_{1,2} \lor t_{e_{1,2}, \, \neg e_{2,3}}, e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,2}, \, \neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, \, \neg e_{1,3}} \lor t_{e_{1,2}, \, \neg e_{2,3}}$$

$$2450. \ \, \neg e_{1,2} \lor t_{e_{1,2}, \, \neg e_{2,3}}, e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,2}, \, \neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, \, \neg e_{1,3}} \lor t_{e_{1,2}, \, \neg e_{2,3}}$$

$$2451. \ \, \neg e_{1,2} \lor t_{e_{1,2}, \, \neg e_{2,3}}, e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,2}, \, \neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, \, \neg e_{1,3}} \lor t_{e_{1,2}, \, \neg e_{2,3}}$$

$$2452. \ \, \neg e_{1,2} \lor t_{e_{1,2}, \, \neg e_{2,3}}, e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,2}, \, \neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, \, \neg e_{1,3}} \lor t_{e_{1,2}, \, \neg e_{2,3}}$$

$$2453. \ \, \neg e_{1,2} \lor t_{e_{1,2}, \, \neg e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, \, e_{1,3}} \vdash t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{1,3}}$$

$$2454. \ \, \neg e_{1,2} \lor t_{e_{1,2}, \, \neg e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, \, e_{1,3}} \vdash t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{1,3}}$$

2455.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{1,3}}$$

$$2456. \ \, \neg e_{1,2} \lor t_{e_{1,2},\, \neg e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}} \vdash t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}}$$

$$2457. \ \, \neg e_{1,2} \vee t_{e_{1,2},\, \neg e_{2,3}}, e_{1,2} \vee t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash t_{e_{1,2},\, \neg e_{2,3}} \vee t_{\neg e_{1,2},\, \neg e_{1,3}}$$

$$2458. \ \, \neg e_{1,2} \lor t_{e_{1,2}, \, \neg e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \vdash t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}}$$

$$2459. \ \, \neg e_{1,2} \lor t_{e_{1,2}, \, \neg e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \vdash t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}}$$

$$2460. \ \, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

2461.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$2462. \ \, \neg e_{1,2} \lor t_{e_{1,2}, \, \neg e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \vdash t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}}$$

2463.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

2464.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

2465.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

2466.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$2467. \ \, \neg e_{1,2} \lor t_{e_{1,2}, \, \neg e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}}$$

2468.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

2469.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$2470. \ \, \neg e_{1,2} \lor t_{e_{1,2}, \, \neg e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg e_{2,3} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg e_$$

$$2471. \ \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \lor$$

2472.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$2473. \ \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,3}$$

$$2474. \ \, \neg e_{1,2} \lor t_{e_{1,2},\, \neg e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\, e_{2,3}} \vdash \neg t_{e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,3}$$

2475.
$$\neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,3}$$

$$2476. \ \, \neg e_{1,2} \lor t_{e_{1,2},\, \neg e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\, e_{2,3}} \vdash \neg t_{e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,3}$$

$$2477. \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,2} \lor \lnot e_{2,3} \lor \lnot t_{\lnot e_{1,2}, \lnot e_{2,3}} \vdash \lnot e_{1,2} \lor \lnot t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,$$

$$2478. \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,2} \lor \lnot e_{2,3} \lor \lnot t_{\lnot e_{1,2}, \lnot e_{2,3}} \vdash \lnot e_{1,2} \lor \lnot t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,$$

$$2479. \ \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,2} \lor \lnot e_{2,3} \lor \lnot t_{\lnot e_{1,2}, \lnot e_{2,3}} \vdash \lnot e_{1,2} \lor \lnot t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{$$

$$2480. \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,2} \lor \lnot e_{2,3} \lor \lnot t_{\lnot e_{1,2}, \lnot e_{2,3}} \vdash \lnot e_{1,2} \lor \lnot t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,$$

$$2481. \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{2,3} \lor t_{\lnot e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e_{2,3}}$$

2482.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

2483.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$2484. \ e_{2,3} \lor t_{e_{1,2}, \, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}}$$

$$2485. \ \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, e_{1,2} \lor \lnot e_{2,3} \lor \lnot t_{e_{1,2}, \lnot e_{2,3}} \vdash \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor e_{1,2}$$

$$2486. \ e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$2487. \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, e_{1,2} \lor \lnot e_{2,3} \lor \lnot t_{e_{1,2}, \lnot e_{2,3}} \vdash \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor e_{1,2}$$

$$2488. \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, e_{1,2} \lor \lnot e_{2,3} \lor \lnot t_{e_{1,2}, \lnot e_{2,3}} \vdash \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor e_{1,2}$$

$$2489. \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{2,3} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

2490.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

2491.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

2492.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

$$2493. \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,3} \lor \lnot e_{2,3} \lor \lnot t_{\lnot e_{1,3}, \lnot e_{2,3}} \vdash \lnot e_{1,3} \lor \lnot t_{\lnot e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,$$

$$2494. \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,3} \lor \lnot e_{2,3} \lor \lnot t_{\lnot e_{1,3}, \lnot e_{2,3}} \vdash \lnot e_{1,3} \lor \lnot t_{\lnot e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,$$

$$2495. \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,3} \lor \lnot e_{2,3} \lor \lnot t_{\lnot e_{1,3}, \lnot e_{2,3}} \vdash \lnot e_{1,3} \lor \lnot t_{\lnot e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,$$

2496.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$2497. \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{2,3} \lor t_{\lnot e_{1,3}, e_{2,3}} \vdash t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,3}, e_{2,3}}$$

2498.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

2499.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

2500.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$2501. \ \ e_{2,3} \lor t_{e_{1,2}, \, \neg e_{2,3}}, e_{1,3} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \, \neg e_{2,3}} \vdash \neg t_{e_{1,3}, \, \neg e_{2,3}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor e_{1,3}$$

$$2502. \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, e_{1,3} \lor \lnot e_{2,3} \lor \lnot t_{e_{1,3}, \lnot e_{2,3}} \vdash \lnot t_{e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor e_{1,3}$$

$$2503. \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, e_{1,3} \lor \lnot e_{2,3} \lor \lnot t_{e_{1,3}, \lnot e_{2,3}} \vdash \lnot t_{e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor e_{1,3}$$

$$2504. \ \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, e_{1,3} \lor \lnot e_{2,3} \lor \lnot t_{e_{1,3}, \lnot e_{2,3}} \vdash \lnot t_{e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor e_{1,3}$$

$$2505. \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{2,3} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}}$$

$$2506. \ e_{2,3} \lor t_{e_{1,2}, \, \lnot e_{2,3}}, \lnot e_{2,3} \lor t_{e_{1,3}, \, e_{2,3}} \vdash t_{e_{1,3}, \, e_{2,3}} \lor t_{e_{1,2}, \, \lnot e_{2,3}}$$

$$2507. \ e_{2,3} \lor t_{e_{1,2},\, \lnot e_{2,3}}, \lnot e_{2,3} \lor t_{e_{1,3},\, e_{2,3}} \vdash t_{e_{1,3},\, e_{2,3}} \lor t_{e_{1,2},\, \lnot e_{2,3}}$$

2508.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$2509. \ \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, \neg e_{2,5} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash \neg t_{e_{2,5},\, e_{2,6}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{2,6}$$

$$2510. \ \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash \neg t_{e_{2,5},\, e_{2,6}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{2,5}$$

$$2511. \ \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, \, e_{2,6}}, \neg e_{2,4} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor t_{e_{2,5}, \, e_{2,6}} \vdash \neg e_{2,4} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor e_{2,5} \lor e_{2,6}$$

$$2512. \ \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \vdash \neg t_{e_{2,5},\, e_{2,6}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \lor e_{2,$$

2513.
$$e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{2,5}$$

$$2514. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash \neg t_{e_{2,5},\,e_{2,6}} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \lor e_{2,5} \lor e_{2,5}$$

$$2515. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,e_{2,6}}, \neg e_{2,5} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \vdash \neg t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{2,6}$$

$$2516. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \vdash \neg t_{e_{2,5},\, e_{2,6}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \lor e_{2,6}$$

$$2517. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg t_{e_{2,5},\,e_{2,6}} \lor e_{2,5} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2518. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash \neg t_{e_{2,5},\,e_{2,6}} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \lor e_{2,5} \lor e_{2,5}$$

$$2519. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,e_{2,6}}, \neg e_{2,5} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{2,6}$$

$$2520. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,e_{2,6}}, \neg e_{2,5} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{2,6}$$

$$2521. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg t_{e_{2,5},\, e_{2,6}} \lor e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$2522. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, \, e_{2,6}}, e_{2,4} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{e_{2,5}, \, e_{2,6}} \vdash e_{2,5} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{2,6} \lor e_{2,4}$$

$$2523. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \vdash \neg t_{e_{2,5},\, e_{2,6}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \lor e_{2,6}$$

$$2524. \ \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash \neg t_{e_{2,5},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,5}$$

$$2525. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash \neg t_{e_{2,5},\,e_{2,6}} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$2526. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, \neg e_{2,5} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash \neg t_{e_{2,5},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,6}$$

$$2527. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, \neg e_{2,5} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash \neg t_{e_{2,5},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,6}$$

$$2528. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash \neg t_{e_{2,5},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,5}$$

$$2529. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, \, e_{2,6}}, e_{2,4} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{e_{2,5}, \, e_{2,6}} \vdash t_{e_{1,2}, \, \neg e_{2,3}} \lor e_{2,5} \lor e_{2,6} \lor e_{2,4}$$

$$2530. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,e_{2,6}}, \neg e_{2,5} \lor t_{e_{1,2},\,e_{2,3}} \vdash \neg t_{e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{2,6}$$

$$2531. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2},\, e_{2,3}} \vdash \neg t_{e_{2,5},\, e_{2,6}} \lor t_{e_{1,2},\, e_{2,3}} \lor e_{2,5}$$

$$2532. \ \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, \, e_{2,6}}, \neg e_{2,4} \lor t_{e_{1,2}, \, e_{2,3}} \lor t_{e_{2,5}, \, e_{2,6}} \vdash \neg e_{2,4} \lor t_{e_{1,2}, \, e_{2,3}} \lor e_{2,5} \lor e_{2,6}$$

$$2533. \ \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, \, e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}} \vdash \neg t_{e_{2,5}, \, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}} \lor e_{2,6} \lor e$$

$$2534. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2},\, e_{2,3}} \vdash \neg t_{e_{2,5},\, e_{2,6}} \lor t_{e_{1,2},\, e_{2,3}} \lor e_{2,5}$$

$$2535. \ \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \vdash \neg t_{e_{2,5},\, e_{2,6}} \lor e_{2,5} \lor \neg t_{e_{2,5},\, \neg e_{2,6}}$$

$$2536. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, \neg e_{2,5} \lor t_{e_{1,2},\, e_{2,3}} \vdash \neg t_{e_{2,5},\, e_{2,6}} \lor t_{e_{1,2},\, e_{2,3}} \lor e_{2,6}$$

$$2537. \ \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, \, e_{2,6}}, \neg e_{1,5} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,5}, \, \neg e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{e_{2,5}, \, e_{2,6}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor e_{2,6}$$

$$2538. \ \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, \, e_{2,6}}, \neg e_{1,5} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,5}, \, \neg e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{e_{2,5}, \, e_{2,6}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor e_{2,6}$$

$$2539. \ \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, \, e_{2,6}}, \neg e_{1,5} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,5}, \, \neg e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{e_{2,5}, \, e_{2,6}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor e_{2,6}$$

$$2540. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, \neg e_{1,5} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{e_{2,5},\, e_{2,6}} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \lor e_{2,6}$$

$$2541. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, \neg e_{2,5} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$2542. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,e_{2,6}}, \neg e_{2,5} \lor t_{\neg e_{1,5},\,e_{2,5}} \vdash t_{\neg e_{1,5},\,e_{2,5}} \lor \neg t_{e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$2543. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, \neg e_{2,5} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$2544. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, \neg e_{2,5} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$2545. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, e_{1,5} \lor \neg e_{2,5} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \vdash e_{1,5} \lor \neg t_{e_{2,5},\, e_{2,6}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{2,6}$$

$$2546. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, \, e_{2,6}}, e_{1,5} \lor \neg e_{2,5} \lor \neg t_{e_{1,5}, \, \neg e_{2,5}} \vdash e_{1,5} \lor \neg t_{e_{2,5}, \, e_{2,6}} \lor \neg t_{e_{1,5}, \, \neg e_{2,5}} \lor e_{2,6}$$

$$2547. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, \, e_{2,6}}, e_{1,5} \lor \neg e_{2,5} \lor \neg t_{e_{1,5}, \, \neg e_{2,5}} \vdash e_{1,5} \lor \neg t_{e_{2,5}, \, e_{2,6}} \lor \neg t_{e_{1,5}, \, \neg e_{2,5}} \lor e_{2,6}$$

$$2548. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, e_{1,5} \lor \neg e_{2,5} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \vdash e_{1,5} \lor \neg t_{e_{2,5},\, e_{2,6}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{2,6}$$

$$2549. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, \neg e_{2,5} \lor t_{e_{1,5},\, e_{2,5}} \vdash t_{e_{1,5},\, e_{2,5}} \lor \neg t_{e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

2550.
$$e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}}, \neg e_{2,5} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{e_{1,5}, e_{2,5}} \lor \neg t_{e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$2551. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, \neg e_{2,5} \lor t_{e_{1,5},\, e_{2,5}} \vdash t_{e_{1,5},\, e_{2,5}} \lor \neg t_{e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$2552. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, \, e_{2,6}}, \neg e_{2,5} \lor t_{e_{1,5}, \, e_{2,5}} \vdash t_{e_{1,5}, \, e_{2,5}} \lor \neg t_{e_{2,5}, \, e_{2,6}} \lor e_{2,6}$$

$$2553. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{e_{2,5},\, e_{2,6}} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor e_{2,5}$$

$$2554. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6},\,\neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{e_{2,5},\,e_{2,6}} \lor \neg t_{\neg e_{1,6},\,\neg e_{2,6}} \lor e_{2,5}$$

$$2555. \ \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{e_{2,5},\, e_{2,6}} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor e_{2,5}$$

$$2556. \ \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, \, e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{e_{2,5}, \, e_{2,6}} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor e_{2,5}$$

$$2557. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{2,5},\, e_{2,6}} \lor e_{2,5}$$

$$2558. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{2,5},\, e_{2,6}} \lor e_{2,5}$$

2559.
$$e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{2,5}, e_{2,6}} \lor e_{2,5}$$

$$2560. \ \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{2,5},\, e_{2,6}} \lor e_{2,5}$$

$$2561. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \vdash \neg t_{e_{2,5},\,e_{2,6}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor e_{1,6} \lor e_{2,5}$$

$$2562. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \vdash \neg t_{e_{2,5},\,e_{2,6}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor e_{1,6} \lor e_{2,5}$$

$$2563. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \vdash \neg t_{e_{2,5},\, e_{2,6}} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \lor e_{1,6} \lor e_{2,5}$$

$$2564. \ \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \vdash \neg t_{e_{2,5},\,e_{2,6}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor e_{1,6} \lor e_{2,5}$$

$$2565. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,6},\,e_{2,6}} \vdash \neg t_{e_{2,5},\,e_{2,6}} \lor e_{2,5} \lor t_{e_{1,6},\,e_{2,6}}$$

$$2566. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,6},\, e_{2,6}} \vdash \neg t_{e_{2,5},\, e_{2,6}} \lor e_{2,5} \lor t_{e_{1,6},\, e_{2,6}}$$

2567.
$$e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{2,5}, e_{2,6}} \lor e_{2,5} \lor t_{e_{1,6}, e_{2,6}}$$

2568.
$$e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{2,5}, e_{2,6}} \lor e_{2,5} \lor t_{e_{1,6}, e_{2,6}}$$

$$2569. \ \, \neg e_{2,5} \lor t_{e_{1,2},\, \neg e_{2,3}}, e_{2,5} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}}$$

$$2570. \ \, \neg e_{2,5} \lor t_{e_{1,2}, \, \neg e_{2,3}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, \, e_{2,6}} \vdash \neg t_{e_{2,5}, \, e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor e_{2,6}$$

2571.
$$\neg e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$2572. \ \neg e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

2573.
$$\neg e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$2574. \ \, \neg e_{2,5} \lor t_{e_{1,2}, \, \neg e_{2,3}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \, \neg e_{2,6}} \vdash t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \, \neg e_{2,6}}$$

2575.
$$\neg e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$2576. \ \, \neg e_{2,5} \lor t_{e_{1,2},\, \neg e_{2,3}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}} \vdash \neg t_{e_{2,5},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,6}$$

2577.
$$\neg e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}}$$

$$2578. \ \, \neg e_{2,5} \lor t_{e_{1,2}, \, \neg e_{2,3}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \, \neg e_{2,6}} \vdash t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \, \neg e_{2,6}}$$

2579.
$$\neg e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}}$$

2580.
$$\neg e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg t_{e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,6}$$

2581.
$$\neg e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

$$2582. \ \, \neg e_{2,5} \lor t_{e_{1,2},\, \neg e_{2,3}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}} \vdash \neg t_{e_{2,5},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,6}$$

2583.
$$\neg e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

$$2584. \ \, \neg e_{2,5} \lor t_{e_{1,2}, \, \neg e_{2,3}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \, \neg e_{2,6}} \vdash t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \, \neg e_{2,6}}$$

$$2585. \ \, \neg e_{2,5} \lor t_{e_{1,2}, \, \neg e_{2,3}}, e_{2,5} \lor t_{\neg e_{1,5}, \, \neg e_{2,5}} \vdash t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,5}, \, \neg e_{2,5}}$$

2586.
$$\neg e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,5}, \neg e_{2,5}}$$

2587.
$$\neg e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,5}, \neg e_{2,5}}$$

2588.
$$\neg e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,5}, \neg e_{2,5}}$$

$$2589. \ \, \neg e_{2,5} \lor t_{e_{1,2},\, \neg e_{2,3}}, \neg e_{1,5} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{e_{1,2},\, \neg e_{2,3}}$$

$$2590. \ \, \neg e_{2,5} \lor t_{e_{1,2}, \, \neg e_{2,3}}, \neg e_{1,5} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \, e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \, e_{2,5}} \lor t_{e_{1,2}, \, \neg e_{2,3}}$$

$$2591. \ \, \neg e_{2,5} \lor t_{e_{1,2}, \, \neg e_{2,3}}, \neg e_{1,5} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \, e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \, e_{2,5}} \lor t_{e_{1,2}, \, \neg e_{2,3}}$$

$$2592. \ \, \neg e_{2,5} \lor t_{e_{1,2}, \, \neg e_{2,3}}, \neg e_{1,5} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \, e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \, e_{2,5}} \lor t_{e_{1,2}, \, \neg e_{2,3}}$$

$$2593. \ \, \neg e_{2,5} \lor t_{e_{1,2}, \, \neg e_{2,3}}, e_{2,5} \lor t_{e_{1,5}, \, \neg e_{2,5}} \vdash t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{e_{1,5}, \, \neg e_{2,5}}$$

2594.
$$\neg e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,5}, \neg e_{2,5}}$$

2595.
$$\neg e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,5}, \neg e_{2,5}}$$

$$2596. \ \, \neg e_{2,5} \lor t_{e_{1,2}, \, \neg e_{2,3}}, e_{2,5} \lor t_{e_{1,5}, \, \neg e_{2,5}} \vdash t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{e_{1,5}, \, \neg e_{2,5}}$$

2597.
$$\neg e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,5}, e_{2,5}}$$

$$2598. \ \, \neg e_{2,5} \lor t_{e_{1,2},\, \neg e_{2,3}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{e_{1,5},\, e_{2,5}}$$

2599.
$$\neg e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,5}, e_{2,5}}$$

2600.
$$\neg e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,5}, e_{2,5}}$$

2601.
$$\neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$2602. \ \, \neg e_{2,6} \lor t_{e_{1,2},\, \neg e_{2,3}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}} \vdash \neg t_{e_{2,5},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,5}$$

2603.
$$\neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}}$$

2604.
$$\neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$2605. \ \, \neg e_{2,6} \lor t_{e_{1,2}, \, \neg e_{2,3}}, \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}} \vdash t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}}$$

2606.
$$\neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

2607.
$$\neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

2608.
$$\neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg t_{e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,5}$$

$$2609. \ \, \neg e_{2,6} \lor t_{e_{1,2}, \, \neg e_{2,3}}, \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}} \vdash t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}}$$

2610.
$$\neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}}$$

2611.
$$\neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}}$$

$$2612. \ \, \neg e_{2,6} \lor t_{e_{1,2},\, \neg e_{2,3}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}} \vdash \neg t_{e_{2,5},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,5}$$

2613.
$$\neg e_{2,6} \lor t_{e_{1,2}}, \neg e_{2,3}, e_{2,6} \lor t_{e_{1,2}}, e_{2,3} \vdash t_{e_{1,2}}, \neg e_{2,3} \lor t_{e_{1,2}}, e_{2,3}$$

$$2614. \ \, \neg e_{2,6} \lor t_{e_{1,2},\, \neg e_{2,3}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}} \vdash \neg t_{e_{2,5},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,5}$$

2615.
$$\neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}}$$

2616.
$$\neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

2617.
$$\neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

2618.
$$\neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$2619. \ \, \neg e_{2,6} \lor t_{e_{1,2}, \, \neg e_{2,3}}, e_{2,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}} \vdash t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}$$

$$2620. \ \, \neg e_{2,6} \lor t_{e_{1,2}, \, \neg e_{2,3}}, e_{2,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}} \vdash t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}$$

$$2621. \ \, \neg e_{2,6} \lor t_{e_{1,2},\, \neg e_{2,3}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$2622. \ \, \neg e_{2,6} \lor t_{e_{1,2}, \, \neg e_{2,3}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}$$

$$2623. \ \, \neg e_{2,6} \lor t_{e_{1,2}, \, \neg e_{2,3}}, \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}$$

$$2624. \ \, \neg e_{2,6} \lor t_{e_{1,2}, \, \neg e_{2,3}}, \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}$$

2625.
$$\neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,6}, \neg e_{2,6}}$$

2626.
$$\neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,6}, \neg e_{2,6}}$$

2627.
$$\neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,6}, \neg e_{2,6}}$$

2628.
$$\neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,6}, \neg e_{2,6}}$$

$$2629. \ \, \neg e_{2,6} \lor t_{e_{1,2},\, \neg e_{2,3}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\, e_{2,6}} \vdash \neg t_{e_{1,6},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,6}$$

2630.
$$\neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6}$$

2631.
$$\neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6}$$

$$2632. \ \, \neg e_{2,6} \lor t_{e_{1,2},\, \neg e_{2,3}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\, e_{2,6}} \vdash \neg t_{e_{1,6},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,6}$$

$$2633. \ \ e_{2,4} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{2,5}, e_{2,6}}, \lnot e_{2,4} \lor t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{2,5}, \lnot e_{2,6}} \vdash t_{e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor t_{e_{2,5}, \lnot e_{2,6}} \lor t_{e_{2,5$$

$$2634. \ e_{2,4} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{2,5}, e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \lnot t_{e_{2,5}, e_{2,6}} \vdash t_{e_{1,2}, \lnot e_{2,3}} \lor e_{2,5} \lor e_{2,6} \lor e_{2,4}$$

$$2635. \ e_{2,4} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,5}, e_{2,6}}, \neg e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,5}, e_{2,6}} \vdash t_{e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e$$

$$2636. \ e_{2,4} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{2,5}, e_{2,6}}, \lnot e_{2,4} \lor t_{\lnot e_{1,2}, e_{2,3}} \lor t_{\lnot e_{2,5}, e_{2,6}} \vdash t_{\lnot e_{2,5}, e_{2,6}} \lor t_{e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e_{2,$$

$$2637. \ e_{2,4} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{2,5}, e_{2,6}}, \lnot e_{2,4} \lor t_{\lnot e_{1,2}, e_{2,3}} \lor t_{e_{2,5}, \lnot e_{2,6}} \vdash t_{e_{2,5}, \lnot e_{2,6}} \lor t_{e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e_{2,$$

2638.
$$e_{2,4} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,5}, e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,5} \lor e_{2,6} \lor e_{2,4}$$

$$2639. \ e_{2,4} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{2,5}, e_{2,6}}, \lnot e_{2,4} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{2,5}, e_{2,6}} \vdash t_{\lnot e_{2,5}, e_{2,6}} \lor t_{e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}}$$

$$2640. \ e_{2,4} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{2,5}, e_{2,6}}, \lnot e_{2,4} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{2,5}, \lnot e_{2,6}} \vdash t_{e_{2,5}, \lnot e_{2,6}} \lor t_{e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}}$$

$$2641. \ e_{2,4} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{2,5}, e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \lnot t_{e_{2,5}, e_{2,6}} \vdash t_{e_{1,2}, \lnot e_{2,3}} \lor e_{2,5} \lor e_{2,6} \lor e_{2,4}$$

$$2642. \ \ e_{2,4} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{2,5}, e_{2,6}}, \lnot e_{2,4} \lor t_{e_{1,2}, e_{2,3}} \lor t_{\lnot e_{2,5}, \lnot e_{2,6}} \vdash t_{e_{1,2}, e_{2,3}} \lor t_{e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor t_{e_{2,5}, \lnot e_{$$

$$2643. \ e_{2,4} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{2,5}, \, e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \lnot t_{e_{2,5}, \, e_{2,6}} \vdash t_{e_{1,2}, \lnot e_{2,3}} \lor e_{2,5} \lor e_{2,6} \lor e_{2,4}$$

$$2644. \ e_{2,4} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{2,5}, e_{2,6}}, \lnot e_{2,4} \lor t_{e_{1,2}, e_{2,3}} \lor t_{e_{2,5}, e_{2,6}} \vdash t_{e_{1,2}, e_{2,3}} \lor t_{e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}}$$

$$2645. \ \ e_{2,4} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{2,5}, \, e_{2,6}}, \lnot e_{1,4} \lor \lnot e_{2,4} \lor \lnot t_{\lnot e_{1,4}, \lnot e_{2,4}} \vdash t_{e_{2,5}, \, e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,4}, \lnot e_{2,4}} \lor \lnot e_{1,4}, \lnot e_{1$$

$$2646. \ \ e_{2,4} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{2,5}, e_{2,6}}, \lnot e_{1,4} \lor \lnot e_{2,4} \lor \lnot t_{\lnot e_{1,4}, \lnot e_{2,4}} \vdash t_{e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,4}, \lnot e_{2,4}} \lor \lnot e_{1,4}, \lnot e_{1,4}, \lnot e_{2,4} \lor \lnot e_{1,4}, \lnot e_{2,4}, \lnot e_{2,4},$$

$$2647. \ e_{2,4} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{2,5}, \, e_{2,6}}, \lnot e_{1,4} \lor \lnot e_{2,4} \lor \lnot t_{\lnot e_{1,4}, \lnot e_{2,4}} \vdash t_{e_{2,5}, \, e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,4}, \lnot e_{2,4}} \lor \lnot e_{1,4}, \lnot e_{1,4}, \lnot e_{2,4} \lor \lnot e_{1,4}, \lnot e_{2,4}, \lnot e_{2,$$

$$2648. \ \ e_{2,4} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{2,5}, \, e_{2,6}}, \lnot e_{1,4} \lor \lnot e_{2,4} \lor \lnot t_{\lnot e_{1,4}, \lnot e_{2,4}} \vdash t_{e_{2,5}, \, e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,4}, \lnot e_{2,4}} \lor \lnot e_{1,4}, \lnot e_{1$$

$$2649. \ e_{2,4} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{2,5}, \, e_{2,6}}, \lnot e_{2,4} \lor t_{\lnot e_{1,4}, \, e_{2,4}} \vdash t_{e_{2,5}, \, e_{2,6}} \lor t_{e_{1,2}, \, \lnot e_{2,3}} \lor t_{\lnot e_{1,4}, \, e_{2,4}}$$

$$2650. \ e_{2,4} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{2,5}, e_{2,6}}, \lnot e_{2,4} \lor t_{\lnot e_{1,4}, e_{2,4}} \vdash t_{e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,4}, e_{2,4}}$$

$$2651. \ e_{2,4} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,5}, e_{2,6}}, \neg e_{2,4} \lor t_{\neg e_{1,4}, e_{2,4}} \vdash t_{e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,4}, e_{2,4}}$$

$$2652. \ e_{2,4} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{2,5}, \, e_{2,6}}, \lnot e_{2,4} \lor t_{\lnot e_{1,4}, \, e_{2,4}} \vdash t_{e_{2,5}, \, e_{2,6}} \lor t_{e_{1,2}, \, \lnot e_{2,3}} \lor t_{\lnot e_{1,4}, \, e_{2,4}}$$

$$2653. \ \ e_{2,4} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{2,5}, \, e_{2,6}}, e_{1,4} \lor \lnot e_{2,4} \lor \lnot t_{e_{1,4}, \lnot e_{2,4}} \vdash t_{e_{2,5}, \, e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{e_{1,4}, \lnot e_{2,4}} \lor e_{1,4}$$

$$2654. \ \ e_{2,4} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{2,5}, e_{2,6}}, e_{1,4} \lor \lnot e_{2,4} \lor \lnot t_{e_{1,4}, \lnot e_{2,4}} \vdash t_{e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{e_{1,4}, \lnot e_{2,4}} \lor e_{1,4}$$

$$2655. \ e_{2,4} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{2,5}, e_{2,6}}, e_{1,4} \lor \lnot e_{2,4} \lor \lnot t_{e_{1,4}, \lnot e_{2,4}} \vdash t_{e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{e_{1,4}, \lnot e_{2,4}} \lor e_{1,4}, \lnot e_{2,4} \lor e_{1,4}, \lnot e_{2,5}, e_{2,6} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{e_{1,4}, \lnot e_{2,4}} \lor e_{1,4}, \lnot e_{2,5}, e_{2,6} \lor e_{2,6}$$

$$2656. \ e_{2,4} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{2,5}, e_{2,6}}, e_{1,4} \lor \lnot e_{2,4} \lor \lnot t_{e_{1,4}, \lnot e_{2,4}} \vdash t_{e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{e_{1,4}, \lnot e_{2,4}} \lor e_{1,4}$$

$$2657. \ e_{2,4} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{2,5}, e_{2,6}}, \lnot e_{2,4} \lor t_{e_{1,4}, e_{2,4}} \vdash t_{e_{1,4}, e_{2,4}} \lor t_{e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}}$$

$$2658. \ e_{2,4} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{2,5}, \, e_{2,6}}, \lnot e_{2,4} \lor t_{e_{1,4}, \, e_{2,4}} \vdash t_{e_{1,4}, \, e_{2,4}} \lor t_{e_{2,5}, \, e_{2,6}} \lor t_{e_{1,2}, \, \lnot e_{2,3}}$$

$$2659. \ e_{2,4} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{2,5}, \, e_{2,6}}, \lnot e_{2,4} \lor t_{e_{1,4}, \, e_{2,4}} \vdash t_{e_{1,4}, \, e_{2,4}} \lor t_{e_{2,5}, \, e_{2,6}} \lor t_{e_{1,2}, \, \lnot e_{2,3}}$$

$$2660. \ e_{2,4} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{2,5}, \, e_{2,6}}, \lnot e_{2,4} \lor t_{e_{1,4}, \, e_{2,4}} \vdash t_{e_{1,4}, \, e_{2,4}} \lor t_{e_{2,5}, \, e_{2,6}} \lor t_{e_{1,2}, \, \lnot e_{2,3}}$$

2661.
$$e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, e_{1,3}} \lor e_{2,3}$$

2662.
$$e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, e_{1,3}} \lor e_{2,3}$$

2663.
$$e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, e_{1,3}} \lor e_{2,3}$$

2664.
$$e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, e_{1,3}} \lor e_{2,3}$$

$$2665. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash \neg t_{e_{1,2},\,e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$2666. \ \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{e_{1,2},\, e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

2667.
$$e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2668. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, \, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, \, e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2}, \, \neg e_{1,3}}$$

$$2669. \ \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, \neg e_{1,2} \lor e_{1,3} \lor \neg t_{\neg e_{1,2},\,e_{1,3}} \vdash \neg t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,3} \lor e_{2,3}$$

$$2670. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, \neg e_{1,2} \lor e_{1,3} \lor \neg t_{\neg e_{1,2},\,e_{1,3}} \vdash \neg t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,3} \lor e_{2,3}$$

$$2671. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, \neg e_{1,2} \lor e_{1,3} \lor \neg t_{\neg e_{1,2},\,e_{1,3}} \vdash \neg t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,3} \lor e_{2,3}$$

$$2672. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, \neg e_{1,2} \lor e_{1,3} \lor \neg t_{\neg e_{1,2},\,e_{1,3}} \vdash \neg t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,3} \lor e_{2,3}$$

$$2673. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

$$2674. \ \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, \, e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, \, e_{2,3}} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor e_{2,3}$$

$$2675. \ \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \vdash \neg t_{e_{1,2},\,e_{2,3}} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$2676. \ \ e_{1,2} \lor e_{2,3} \lor \lnot t_{e_{1,2}, \, e_{2,3}}, \lnot e_{1,2} \lor \lnot e_{1,3} \lor \lnot t_{\lnot e_{1,2}, \, \lnot e_{1,3}} \vdash \lnot t_{e_{1,2}, \, e_{2,3}} \lor \lnot e_{1,3} \lor \lnot t_{\lnot e_{1,2}, \, \lnot e_{1,3}} \lor e_{2,3}$$

$$2677. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor e_{2,3}$$

$$2678. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,2}$$

$$2679. \ \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, \, e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \vdash \neg t_{e_{1,2}, \, e_{2,3}} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{2,3} \lor e$$

$$2680. \ \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,2}$$

$$2681. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor e_{2,3}$$

2682.
$$e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}$$

$$2683. \ \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor e_{2,3} \lor$$

$$2684. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}$$

$$2685. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, \, e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \, e_{2,3}} \lor \neg t_{e_{1,2}, \, \neg e_{2,3}} \lor e_{1,2}$$

$$2686. \ \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, \, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \, e_{2,3}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor e_{2,3}$$

$$2687. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \vdash \neg t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,2}$$

$$2688. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,3}$$

$$2689. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \vdash \neg t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,2}$$

$$2690. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,3}$$

$$2691. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \vdash \neg t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,2}$$

$$2692. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, \, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \, e_{2,3}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor e_{2,3}$$

2693.
$$e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, e_{2,5} \lor t_{e_{1,2}, e_{2,3}} \vdash e_{2,5} \lor e_{2,3} \lor e_{1,2}$$

2694.
$$e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash e_{2,3} \lor e_{1,2} \lor e_{2,6}$$

$$2695. \ \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, \neg e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \vdash \neg e_{2,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{2,3} \lor e_{1,2}$$

$$2696. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,2},\,e_{2,3}} \vdash \neg e_{2,5} \lor e_{2,3} \lor e_{1,2}$$

2697.
$$e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash e_{2,3} \lor \neg e_{2,6} \lor e_{1,2}$$

$$2698. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, \neg e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \vdash \neg e_{2,4} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{2,3} \lor e_{1,2}$$

2699.
$$e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, e_{2,5} \lor t_{e_{1,2}, e_{2,3}} \vdash e_{2,5} \lor e_{2,3} \lor e_{1,2}$$

2700.
$$e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash e_{2,3} \lor \neg e_{2,6} \lor e_{1,2}$$

$$2701. \ \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, \, e_{2,3}}, e_{2,4} \lor t_{e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{2,5}, \, e_{2,6}} \vdash t_{\neg e_{2,5}, \, e_{2,6}} \lor e_{2,3} \lor e_{1,2} \lor e_{2,4}$$

$$2702. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,2},\,e_{2,3}} \vdash \neg e_{2,5} \lor e_{2,3} \lor e_{1,2}$$

2703.
$$e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash e_{2,3} \lor e_{1,2} \lor e_{2,6}$$

$$2704. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},e_{2,3}}, e_{2,4} \lor t_{e_{1,2},e_{2,3}} \lor t_{e_{2,5},\neg e_{2,6}} \vdash t_{e_{2,5},\neg e_{2,6}} \lor e_{2,3} \lor e_{1,2} \lor e_{2,4}$$

$$2705. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor e_{1,2}$$

$$2706. \ \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, \, e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, \, e_{2,3}} \lor \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor e_{1,2}$$

$$2707. \ \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, \, e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, \, e_{2,3}} \lor \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor e_{1,2}$$

$$2708. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor e_{1,2}$$

2709.
$$e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,2}$$

$$2710. \ \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3},\,e_{2,3}} \vdash \neg t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor e_{1,2}$$

2711.
$$e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,2}$$

$$2712. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3},e_{2,3}} \vdash \neg t_{e_{1,2},e_{2,3}} \lor t_{\neg e_{1,3},e_{2,3}} \lor e_{1,2}$$

$$2713. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, e_{1,3} \lor \neg e_{2,3} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \vdash \neg t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$2714. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, e_{1,3} \lor \neg e_{2,3} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \vdash \neg t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$2715. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, \, e_{2,3}}, e_{1,3} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \, e_{2,3}} \lor \neg t_{e_{1,3}, \, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$2716. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, e_{1,3} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$2717. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,3},\,e_{2,3}} \vdash \neg t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}$$

$$2718. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,3},\,e_{2,3}} \vdash \neg t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}$$

$$2719. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,3},\,e_{2,3}} \vdash \neg t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}$$

$$2720. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,3},\,e_{2,3}} \vdash \neg t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}$$

$$2721. \ \, \neg e_{1,2} \lor t_{e_{1,2},\,e_{2,3}}, e_{1,2} \lor e_{1,3} \lor \neg t_{e_{1,2},\,e_{1,3}} \vdash \neg t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}$$

2722.
$$\neg e_{1,2} \lor t_{e_{1,2},e_{2,3}}, e_{1,2} \lor e_{1,3} \lor \neg t_{e_{1,2},e_{1,3}} \vdash \neg t_{e_{1,2},e_{1,3}} \lor t_{e_{1,2},e_{2,3}} \lor e_{1,3}$$

$$2723. \ \, \neg e_{1,2} \lor t_{e_{1,2},\,e_{2,3}}, e_{1,2} \lor e_{1,3} \lor \neg t_{e_{1,2},\,e_{1,3}} \vdash \neg t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}$$

$$2724. \ \, \neg e_{1,2} \lor t_{e_{1,2},\,e_{2,3}}, e_{1,2} \lor e_{1,3} \lor \neg t_{e_{1,2},\,e_{1,3}} \vdash \neg t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}$$

$$2725. \ \, \neg e_{1,2} \lor t_{e_{1,2},\,e_{2,3}}, e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}}$$

$$2726. \ \, \neg e_{1,2} \lor t_{e_{1,2},\,e_{2,3}}, e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}}$$

2727.
$$\neg e_{1,2} \lor t_{e_{1,2},e_{2,3}}, e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,2},\neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2},\neg e_{1,3}} \lor t_{e_{1,2},e_{2,3}}$$

$$2728. \ \, \neg e_{1,2} \lor t_{e_{1,2},\,e_{2,3}}, e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}}$$

2729.
$$\neg e_{1,2} \lor t_{e_{1,2},e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2},e_{1,3}} \vdash t_{\neg e_{1,2},e_{1,3}} \lor t_{e_{1,2},e_{2,3}}$$

2730.
$$\neg e_{1,2} \lor t_{e_{1,2},e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2},e_{1,3}} \vdash t_{\neg e_{1,2},e_{1,3}} \lor t_{e_{1,2},e_{2,3}}$$

2731.
$$\neg e_{1,2} \lor t_{e_{1,2},e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2},e_{1,3}} \vdash t_{\neg e_{1,2},e_{1,3}} \lor t_{e_{1,2},e_{2,3}}$$

2732.
$$\neg e_{1,2} \lor t_{e_{1,2},e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2},e_{1,3}} \vdash t_{\neg e_{1,2},e_{1,3}} \lor t_{e_{1,2},e_{2,3}}$$

2733.
$$\neg e_{1,2} \lor t_{e_{1,2},e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2},\neg e_{1,3}} \vdash t_{\neg e_{1,2},\neg e_{1,3}} \lor t_{e_{1,2},e_{2,3}}$$

2734.
$$\neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, e_{2,3}}$$

2735.
$$\neg e_{1,2} \lor t_{e_{1,2},e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2},\neg e_{1,3}} \vdash t_{\neg e_{1,2},\neg e_{1,3}} \lor t_{e_{1,2},e_{2,3}}$$

2736.
$$\neg e_{1,2} \lor t_{e_{1,2},e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2},\neg e_{1,3}} \vdash t_{\neg e_{1,2},\neg e_{1,3}} \lor t_{e_{1,2},e_{2,3}}$$

2737.
$$\neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

2738.
$$\neg e_{1,2} \lor t_{e_{1,2},e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2},\neg e_{2,3}} \vdash t_{\neg e_{1,2},\neg e_{2,3}} \lor t_{e_{1,2},e_{2,3}}$$

2739.
$$\neg e_{1,2} \lor t_{e_{1,2},e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2},\neg e_{2,3}} \vdash t_{\neg e_{1,2},\neg e_{2,3}} \lor t_{e_{1,2},e_{2,3}}$$

$$2740. \ \, \neg e_{1,2} \lor t_{e_{1,2},\,e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}}$$

2741.
$$\neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

2742.
$$\neg e_{1,2} \lor t_{e_{1,2},e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2},e_{2,3}} \vdash t_{\neg e_{1,2},e_{2,3}} \lor t_{e_{1,2},e_{2,3}}$$

2743.
$$\neg e_{1,2} \lor t_{e_{1,2},e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2},e_{2,3}} \vdash t_{\neg e_{1,2},e_{2,3}} \lor t_{e_{1,2},e_{2,3}}$$

2744.
$$\neg e_{1,2} \lor t_{e_{1,2},e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2},e_{2,3}} \vdash t_{\neg e_{1,2},e_{2,3}} \lor t_{e_{1,2},e_{2,3}}$$

2745.
$$\neg e_{1,2} \lor t_{e_{1,2},e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2},\neg e_{2,3}} \vdash \neg t_{e_{1,2},\neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2},e_{2,3}}$$

$$2746. \ \, \neg e_{1,2} \lor t_{e_{1,2},\,e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2},\,e_{2,3}}$$

$$2747. \ \neg e_{1,2} \lor t_{e_{1,2},\, e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2},\, e_{2,3}}$$

$$2748. \ \, \neg e_{1,2} \lor t_{e_{1,2},\,e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{2,3},\,e_{2,3}} \lor \neg e_{2,3} \lor \neg$$

$$2749. \ \, \neg e_{2,3} \lor t_{e_{1,2},\,e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}}$$

2750.
$$\neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

$$2751. \ \, \neg e_{2,3} \lor t_{e_{1,2},\,e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}}$$

2752.
$$\neg e_{2,3} \lor t_{e_{1,2},e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,2},\neg e_{2,3}} \vdash t_{\neg e_{1,2},\neg e_{2,3}} \lor t_{e_{1,2},e_{2,3}}$$

2753.
$$\neg e_{2,3} \lor t_{e_{1,2},e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},e_{2,3}} \vdash \neg e_{1,2} \lor t_{e_{1,2},e_{2,3}} \lor \neg t_{\neg e_{1,2},e_{2,3}}$$

$$2754. \ \, \neg e_{2,3} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg e_{1,2} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}}$$

$$2755. \ \, \neg e_{2,3} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg e_{1,2} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}}$$

$$2756. \ \neg e_{2,3} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg e_{1,2} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}}$$

2757.
$$\neg e_{2,3} \lor t_{e_{1,2},e_{2,3}}, e_{2,3} \lor t_{e_{1,2},\neg e_{2,3}} \vdash t_{e_{1,2},\neg e_{2,3}} \lor t_{e_{1,2},e_{2,3}}$$

2758.
$$\neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

2759.
$$\neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

$$2760. \ \, \neg e_{2,3} \lor t_{e_{1,2},\,e_{2,3}}, e_{2,3} \lor t_{e_{1,2},\,\neg e_{2,3}} \vdash t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}}$$

2761.
$$\neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

2762.
$$\neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

2763.
$$\neg e_{2,3} \lor t_{e_{1,2},e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,3},\neg e_{2,3}} \vdash t_{\neg e_{1,3},\neg e_{2,3}} \lor t_{e_{1,2},e_{2,3}}$$

$$2764. \ \, \neg e_{2,3} \lor t_{e_{1,2},\,e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,3},\,\neg e_{2,3}} \vdash t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}}$$

2765.
$$\neg e_{2,3} \lor t_{e_{1,2},e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3},e_{2,3}} \lor t_{e_{1,2},e_{2,3}}$$

2766.
$$\neg e_{2,3} \lor t_{e_{1,2},e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3},e_{2,3}} \lor t_{e_{1,2},e_{2,3}}$$

$$2767. \ \, \neg e_{2,3} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\,e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_$$

$$2768. \ \neg e_{2,3} \lor t_{e_{1,2},e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3},e_{2,3}} \lor t_{e_{1,2},e_{2,3}}$$

2769.
$$\neg e_{2,3} \lor t_{e_{1,2},e_{2,3}}, e_{2,3} \lor t_{e_{1,3},\neg e_{2,3}} \vdash t_{e_{1,3},\neg e_{2,3}} \lor t_{e_{1,2},e_{2,3}}$$

2770.
$$\neg e_{2,3} \lor t_{e_{1,2},e_{2,3}}, e_{2,3} \lor t_{e_{1,3},\neg e_{2,3}} \vdash t_{e_{1,3},\neg e_{2,3}} \lor t_{e_{1,2},e_{2,3}}$$

2771.
$$\neg e_{2,3} \lor t_{e_{1,2},e_{2,3}}, e_{2,3} \lor t_{e_{1,3},\neg e_{2,3}} \vdash t_{e_{1,3},\neg e_{2,3}} \lor t_{e_{1,2},e_{2,3}}$$

2772.
$$\neg e_{2,3} \lor t_{e_{1,2},e_{2,3}}, e_{2,3} \lor t_{e_{1,3},\neg e_{2,3}} \vdash t_{e_{1,3},\neg e_{2,3}} \lor t_{e_{1,2},e_{2,3}}$$

$$2773. \ \, \neg e_{2,3} \lor t_{e_{1,2},\,e_{2,3}}, e_{1,3} \lor e_{2,3} \lor \neg t_{e_{1,3},\,e_{2,3}} \vdash t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3}$$

$$2774. \ \, \neg e_{2,3} \lor t_{e_{1,2},\,e_{2,3}}, e_{1,3} \lor e_{2,3} \lor \neg t_{e_{1,3},\,e_{2,3}} \vdash t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3}$$

$$2775. \ \, \neg e_{2,3} \lor t_{e_{1,2},\,e_{2,3}}, e_{1,3} \lor e_{2,3} \lor \neg t_{e_{1,3},\,e_{2,3}} \vdash t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3}$$

$$2776. \ \, \neg e_{2,3} \lor t_{e_{1,2},\,e_{2,3}}, e_{1,3} \lor e_{2,3} \lor \neg t_{e_{1,3},\,e_{2,3}} \vdash t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3}$$

$$2777. \ \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,6}$$

$$2778. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5}$$

$$2779. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, \neg e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, \neg e_{2,6}} \vdash \neg e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \lor \neg e_{2,6} \lor \neg e_$$

$$2780. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor \neg$$

$$2781. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,6}$$

$$2782. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor \neg$$

$$2783. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5}$$

$$2784. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor \neg e_{2,5} \lor \neg e_{2,6} \lor \neg e_$$

$$2785. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{2,6}$$

$$2786. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e_$$

$$2787. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$2788. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{2,6}$$

$$2789. \ \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$2790. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,4} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{2,5}, \neg e_{2,6}} \vdash \neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{2,6} \lor e_{2,4}$$

$$2791. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor \neg e_{2,6} \lor \neg e_$$

$$2792. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,6}$$

$$2793. \ \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor \neg t_$$

$$2794. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5}$$

$$2795. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,6}$$

$$2796. \ \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5}$$

$$2797. \ \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,4} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, \neg e_{2,6}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \lor \neg e_{2,6} \lor e_{2,4}$$

$$2798. \ \, \neg e_{2,5} \vee \neg e_{2,6} \vee \neg t_{\neg e_{2,5}, \, \neg e_{2,6}}, e_{2,5} \vee t_{e_{1,2}, \, e_{2,3}} \vdash \neg t_{\neg e_{2,5}, \, \neg e_{2,6}} \vee t_{e_{1,2}, \, e_{2,3}} \vee \neg e_{2,6}$$

$$2799. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor \neg e_{2,5}$$

$$2800. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, \neg e_{2,4} \lor t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{2,5}, \neg e_{2,6}} \vdash \neg e_{2,4} \lor t_{e_{1,2}, e_{2,3}} \lor \neg e_{2,5} \lor \neg e_{2,6} \lor$$

$$2801. \ \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor \neg t_$$

$$2802. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,5} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor \neg e_{2,6}$$

$$2803. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor \neg$$

$$2804. \ \, \neg e_{2,5} \vee \neg e_{2,6} \vee \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,6} \vee t_{e_{1,2}, \, e_{2,3}} \vdash \neg t_{\neg e_{2,5}, \, \neg e_{2,6}} \vee t_{e_{1,2}, \, e_{2,3}} \vee \neg e_{2,5}$$

$$2805. \ \, \neg e_{2,5} \vee \neg e_{2,6} \vee \neg t_{\neg e_{2,5}, \, \neg e_{2,6}}, e_{2,5} \vee t_{\neg e_{1,5}, \, \neg e_{2,5}} \vdash t_{\neg e_{1,5}, \, \neg e_{2,5}} \vee \neg t_{\neg e_{2,5}, \, \neg e_{2,6}} \vee \neg e_{2,6} \vee \neg e_{2,6$$

$$2806. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,5} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash t_{\neg e_{1,5}, \neg e_{2,5}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e_$$

$$2807. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \, \neg e_{2,6}}, e_{2,5} \lor t_{\neg e_{1,5}, \, \neg e_{2,5}} \vdash t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor \neg t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$2808. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,5} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash t_{\neg e_{1,5}, \neg e_{2,5}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e_$$

$$2809. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, \neg e_{1,5} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}$$

$$2810. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, \neg e_{1,5} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}$$

$$2811. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, \neg e_{1,5} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \lor \neg e_{2,6}$$

$$2812. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, \neg e_{1,5} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \lor \neg e_{2,6}$$

$$2813. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,5} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e_{2,6$$

$$2814. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,5} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$2815. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,5} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e_{2,6$$

$$2816. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,5} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$2817. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \, \neg e_{2,6}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5}, \, e_{2,5}} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor \neg t_{e_{1,5}, \, e_{2,5}} \lor \neg e_{2,6} \lor \neg e_$$

$$2818. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$2819. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg e_{2,6} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg e_{2,6} \lor$$

$$2820. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg e_{2,6}$$

$$2821. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,5}$$

$$2822. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,5}$$

$$2823. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,5}$$

$$2824. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,5}$$

$$2825. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \lor \neg e_{2,6} \lor \neg e_$$

$$2826. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \lor \neg e_{2,6} \lor \neg e_$$

$$2827. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \lor \neg e_{2,6} \lor \neg e_$$

$$2828. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \lor \neg e_{2,6} \lor \neg e_$$

$$2829. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,5}$$

$$2830. \ \, \neg e_{2,5} \vee \neg e_{2,6} \vee \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,6} \vee t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \vee \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vee \neg e_{2,5}$$

$$2831. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,5}$$

$$2832. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,5}$$

$$2833. \ \, \neg e_{2,5} \vee \neg e_{2,6} \vee \neg t_{\neg e_{2,5}, \, \neg e_{2,6}}, e_{1,6} \vee e_{2,6} \vee \neg t_{e_{1,6}, \, e_{2,6}} \vdash \neg t_{e_{1,6}, \, e_{2,6}} \vee \neg t_{\neg e_{2,5}, \, \neg e_{2,6}} \vee e_{1,6} \vee \neg e_{2,5} \vee e_{2,6} \vee e_{2,6} \vee \neg e_{2,6} \vee e_{2,6} \vee$$

$$2834. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \, \neg e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, \, e_{2,6}} \vdash \neg t_{e_{1,6}, \, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2835. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2836. \ \, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$2837. \ e_{2,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg e_{2,6}$$

2838.
$$e_{2,5} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

$$2839. \ e_{2,5} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

2840.
$$e_{2,5} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

$$2841. \ e_{2,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \vdash t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

2842.
$$e_{2,5} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

$$2843. \ e_{2,5} \lor t_{e_{1,2},e_{2,3}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5},\neg e_{2,6}} \vdash \neg t_{\neg e_{2,5},\neg e_{2,6}} \lor t_{e_{1,2},e_{2,3}} \lor \neg e_{2,6}$$

2844.
$$e_{2,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{2,5} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{\neg e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}}$$

$$2845. \ \ e_{2,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \vdash t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

2846.
$$e_{2,5} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

$$2847. \ e_{2,5} \lor t_{e_{1,2},e_{2,3}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5},\neg e_{2,6}} \vdash \neg t_{\neg e_{2,5},\neg e_{2,6}} \lor t_{e_{1,2},e_{2,3}} \lor \neg e_{2,6}$$

2848.
$$e_{2,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,2},\,\neg e_{2,3}} \vdash t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}}$$

$$2849. \ e_{2,5} \lor t_{e_{1,2},\,e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}} \vdash e_{2,5} \lor e_{2,3} \lor e_{1,2}$$

$$2850. \ \ e_{2,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg e_{2,6}$$

2851.
$$e_{2,5} \lor t_{e_{1,2}, e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}} \vdash e_{2,5} \lor e_{2,3} \lor e_{1,2}$$

2852.
$$e_{2,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,2},\,e_{2,3}} \vdash t_{e_{1,2},\,e_{2,3}}$$

2853.
$$e_{2,5} \lor t_{e_{1,2}, e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}} \vdash e_{2,5} \lor e_{2,3} \lor e_{1,2}$$

$$2854. \ e_{2,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \vdash t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

$$2855. \ e_{2,5} \lor t_{e_{1,2},\,e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}} \vdash e_{2,5} \lor e_{2,3} \lor e_{1,2}$$

2856.
$$e_{2,5} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, e_{2,3}}$$

2857.
$$e_{2,5} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{1,5} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}} \vdash \neg e_{1,5} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}}$$

$$2858. \ e_{2,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,5} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{2,5}} \vdash \neg e_{1,5} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,5},\,\neg e_{2,5}}$$

$$2859. \ e_{2,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,5} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{2,5}} \vdash \neg e_{1,5} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,5},\,\neg e_{2,5}}$$

$$2860. \ \ e_{2,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,5} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{2,5}} \vdash \neg e_{1,5} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,5},\,\neg e_{2,5}}$$

2861.
$$e_{2,5} \lor t_{e_{1,2},e_{2,3}}, \neg e_{2,5} \lor t_{\neg e_{1,5},e_{2,5}} \vdash t_{\neg e_{1,5},e_{2,5}} \lor t_{e_{1,2},e_{2,3}}$$

$$2862. \ e_{2,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{2,5} \lor t_{\neg e_{1,5},\,e_{2,5}} \vdash t_{\neg e_{1,5},\,e_{2,5}} \lor t_{e_{1,2},\,e_{2,3}}$$

2863.
$$e_{2,5} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,5}, e_{2,5}} \lor t_{e_{1,2}, e_{2,3}}$$

2864.
$$e_{2,5} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,5}, e_{2,5}} \lor t_{e_{1,2}, e_{2,3}}$$

$$2865. \ e_{2,5} \lor t_{e_{1,2},\,e_{2,3}}, e_{1,5} \lor \neg e_{2,5} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}}$$

$$2866. \ e_{2,5} \lor t_{e_{1,2},e_{2,3}}, e_{1,5} \lor \neg e_{2,5} \lor \neg t_{e_{1,5},\neg e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2},e_{2,3}} \lor \neg t_{e_{1,5},\neg e_{2,5}}$$

$$2867. \ e_{2,5} \lor t_{e_{1,2},e_{2,3}}, e_{1,5} \lor \neg e_{2,5} \lor \neg t_{e_{1,5},\neg e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2},e_{2,3}} \lor \neg t_{e_{1,5},\neg e_{2,5}}$$

$$2868. \ e_{2,5} \lor t_{e_{1,2},\,e_{2,3}}, e_{1,5} \lor \neg e_{2,5} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}}$$

2869.
$$e_{2,5} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,5}, e_{2,5}}$$

$$2870. \ e_{2,5} \lor t_{e_{1,2},\, e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,5},\, e_{2,5}} \vdash t_{e_{1,2},\, e_{2,3}} \lor t_{e_{1,5},\, e_{2,5}}$$

2871.
$$e_{2,5} \lor t_{e_{1,2},e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,5},e_{2,5}} \vdash t_{e_{1,2},e_{2,3}} \lor t_{e_{1,5},e_{2,5}}$$

2872.
$$e_{2,5} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,5}, e_{2,5}}$$

$$2873. \ e_{2,6} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor \neg e_{2,5}$$

2874.
$$e_{2,6} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

2875.
$$e_{2,6} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

2876.
$$e_{2,6} \lor t_{e_{1,2}, e_{2,3}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash t_{e_{1,2}, e_{2,3}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

2877.
$$e_{2,6} \lor t_{e_{1,2},e_{2,3}}, \neg e_{2,6} \lor t_{\neg e_{1,2},e_{2,3}} \vdash t_{\neg e_{1,2},e_{2,3}} \lor t_{e_{1,2},e_{2,3}}$$

2878.
$$e_{2,6} \lor t_{e_{1,2},e_{2,3}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\neg e_{2,6}} \vdash t_{e_{1,2},e_{2,3}} \lor e_{2,5} \lor \neg t_{e_{2,5},\neg e_{2,6}}$$

$$2879. \ e_{2,6} \lor t_{e_{1,2},e_{2,3}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5},\neg e_{2,6}} \vdash \neg t_{\neg e_{2,5},\neg e_{2,6}} \lor t_{e_{1,2},e_{2,3}} \lor \neg e_{2,5}$$

$$2880. \ e_{2,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{2,6} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{\neg e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}}$$

2881.
$$e_{2,6} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

$$2882. \ e_{2,6} \lor t_{e_{1,2},\,e_{2,3}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash t_{e_{1,2},\,e_{2,3}} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$2883. \ e_{2,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg e_{2,5}$$

2884.
$$e_{2,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,2},\,\neg e_{2,3}} \vdash t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}}$$

2885.
$$e_{2,6} \lor t_{e_{1,2},\,e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}} \vdash e_{2,3} \lor e_{1,2} \lor e_{2,6}$$

$$2886. \ e_{2,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg e_{2,5}$$

2887.
$$e_{2,6} \lor t_{e_{1,2}, e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}} \vdash e_{2,3} \lor e_{1,2} \lor e_{2,6}$$

2888.
$$e_{2,6} \lor t_{e_{1,2},e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,2},e_{2,3}} \vdash t_{e_{1,2},e_{2,3}}$$

$$2889. \ e_{2,6} \lor t_{e_{1,2},\,e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}} \vdash e_{2,3} \lor e_{1,2} \lor e_{2,6}$$

2890.
$$e_{2,6} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, e_{2,3}}$$

2891.
$$e_{2,6} \lor t_{e_{1,2},e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},e_{2,3}} \vdash e_{2,3} \lor e_{1,2} \lor e_{2,6}$$

$$2892. \ e_{2,6} \lor t_{e_{1,2},e_{2,3}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\neg e_{2,6}} \vdash t_{e_{1,2},e_{2,3}} \lor e_{2,5} \lor \neg t_{e_{2,5},\neg e_{2,6}}$$

$$2893. \ e_{2,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6},\,\neg e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,6},\,\neg e_{2,6}}$$

$$2894. \ e_{2,6} \lor t_{e_{1,2},e_{2,3}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6},\neg e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,2},e_{2,3}} \lor \neg t_{\neg e_{1,6},\neg e_{2,6}}$$

$$2895. \ e_{2,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6},\,\neg e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,6},\,\neg e_{2,6}}$$

$$2896. \ e_{2,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6},\,\neg e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,6},\,\neg e_{2,6}}$$

$$2897. \ e_{2,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{2,6} \lor t_{\neg e_{1,6},\,e_{2,6}} \vdash t_{\neg e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}}$$

$$2898. \ e_{2,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{2,6} \lor t_{\neg e_{1,6},\,e_{2,6}} \vdash t_{\neg e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}}$$

$$2899. \ e_{2,6} \lor t_{e_{1,2},\, e_{2,3}}, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,2},\, e_{2,3}}$$

2900.
$$e_{2,6} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}$$

2901.
$$e_{2,6} \lor t_{e_{1,2},e_{2,3}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6},\neg e_{2,6}} \vdash \neg t_{e_{1,6},\neg e_{2,6}} \lor t_{e_{1,2},e_{2,3}} \lor e_{1,6}$$

$$2902. \ \ e_{2,6} \lor t_{e_{1,2},\,e_{2,3}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \vdash \neg t_{e_{1,6},\,\neg e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,6}$$

$$2903. \ e_{2,6} \lor t_{e_{1,2},\,e_{2,3}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \vdash \neg t_{e_{1,6},\,\neg e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,6}$$

$$2904. \ \ e_{2,6} \lor t_{e_{1,2},\,e_{2,3}}, e_{1,6} \lor \lnot e_{2,6} \lor \lnot t_{e_{1,6},\,\lnot e_{2,6}} \vdash \lnot t_{e_{1,6},\,\lnot e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,6}$$

2905.
$$e_{2,6} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}$$

2906.
$$e_{2,6} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}$$

2907.
$$e_{2,6} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}$$

- 2908. $e_{2,6} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}$
- $2909. \ \, \neg e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}}, e_{2,4} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,e_{2,6}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{2,5},\,\neg e$
- $2910. \ \, \neg e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}}, e_{2,4} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{e_{2,5},\,\neg e_{2,6}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor$
- $2911. \ \, \neg e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}}, e_{2,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor t_{\neg$
- $2912. \ \neg e_{2,4} \lor t_{e_{1,2},e_{2,3}} \lor t_{\neg e_{2,5},\neg e_{2,6}}, e_{2,4} \lor t_{\neg e_{1,2},e_{2,3}} \lor t_{e_{2,5},e_{2,6}} \vdash t_{e_{1,2},e_{2,3}} \lor t_{e_{2,5},e_{2,6}} \lor t_{\neg e_{2,5},\neg e_{2,6}} \lor t_{\neg e_{1,2},e_{2,3}} \lor t_{\neg e_{2,5},\neg e_{2,6}} \lor t_{\neg e_$
- $2913. \ \, \neg e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}}, e_{2,4} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}}$
- $2914. \ \, \neg e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}}, e_{2,4} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}}, e_{2,6} \lor e_{2,6}$
- $2915. \ \, \neg e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}} \vdash \neg e_{2,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{2,3} \lor e_{1,2}$
- $2916. \ \, \neg e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}} \vdash \neg e_{2,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{2,3} \lor e_{1,2}$
- $2917. \ \, \neg e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}} \vdash \neg e_{2,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{2,3} \lor e_{1,2}$
- $2918. \ \neg e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}}, e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,e_{2,6}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}}$
- $2919. \ \, \neg e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}} \vdash \neg e_{2,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{2,3} \lor e_{1,2}$
- $2920. \ \, \neg e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}}, e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,\neg e_{2,6}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{2,5},\,\neg$
- $2921. \ \, \neg e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}}, e_{2,4} \lor t_{\neg e_{1,4},\,\neg e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,4},\,\neg e_{2,4}}$
- $2922. \ \, \neg e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}}, e_{2,4} \lor t_{\neg e_{1,4},\,\neg e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,4},\,\neg e_{2,4}}$
- $2923. \ \, \neg e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}}, e_{2,4} \lor t_{\neg e_{1,4},\,\neg e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,4},\,\neg e_{2,4}}$
- $2924. \ \, \neg e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}}, e_{2,4} \lor t_{\neg e_{1,4},\,\neg e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,4},\,\neg e_{2,4}}$
- $2925. \ \neg e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}}, \neg e_{1,4} \lor e_{2,4} \lor \neg t_{\neg e_{1,4},\,e_{2,4}} \vdash \neg t_{\neg e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{1,4} \lor e_{2,4} \lor \neg e_{1,4}, \neg e_{2,4} \lor \neg e_{2,4}, \neg e_{2,$
- $2926. \ \, \neg e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}}, \neg e_{1,4} \lor e_{2,4} \lor \neg t_{\neg e_{1,4},\,e_{2,4}} \vdash \neg t_{\neg e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{1,4} \lor e_{2,4} \lor \neg e_{2,4} \lor$
- $2927. \ \, \neg e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}}, \neg e_{1,4} \lor e_{2,4} \lor \neg t_{\neg e_{1,4},\,e_{2,4}} \vdash \neg t_{\neg e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{1,4} \lor e_{2,4} \lor \neg e_{2,4} \lor$
- $2928. \ \, \neg e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}}, \neg e_{1,4} \lor e_{2,4} \lor \neg t_{\neg e_{1,4},\,e_{2,4}} \vdash \neg t_{\neg e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{1,4} \lor e_{2,4} \lor \neg e_{2,4} \lor$
- $2929. \ \, \neg e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}}, e_{2,4} \lor t_{e_{1,4},\,\neg e_{2,4}} \vdash t_{e_{1,4},\,\neg e_{2,4}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}}, e_{2,4} \lor t_{e_{1,4},\,\neg e_{2,4}} \lor t_{e_{1,4},\,\neg e_{2,4}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}}, e_{2,4} \lor t_{e_{1,4},\,\neg e_{2,4}} \lor t_{e_{2,4},\,\neg e_{2,$
- $2930. \ \, \neg e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}}, e_{2,4} \lor t_{e_{1,4},\,\neg e_{2,4}} \vdash t_{e_{1,4},\,\neg e_{2,4}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}}, e_{2,4} \lor t_{e_{1,4},\,\neg e_{2,4}} \lor t_{e_{1,4},\,\neg e_{2,4}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}}, e_{2,4} \lor t_{e_{1,4},\,\neg e_{2,4}} \lor t_{e_{2,4},\,\neg e_{2,$
- $2931. \ \, \neg e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}}, e_{2,4} \lor t_{e_{1,4},\,\neg e_{2,4}} \vdash t_{e_{1,4},\,\neg e_{2,4}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}}, e_{2,4} \lor t_{e_{1,4},\,\neg e_{2,4}} \lor t_{e_{1,4},\,\neg e_{2,4}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}}, e_{2,4} \lor t_{e_{1,4},\,\neg e_{2,4}} \lor t_{e_{2,4},\,\neg e_{2,$
- $2932. \ \, \neg e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}}, e_{2,4} \lor t_{e_{1,4},\,\neg e_{2,4}} \vdash t_{e_{1,4},\,\neg e_{2,4}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}}, e_{2,4} \lor t_{e_{2,4},\,\neg e_{2,4}} \lor t_{e_{2,4},\,\neg e_{2,4}} \lor t_{e_{2,5},\,\neg e_{2,6}}, e_{2,6} \lor t$
- $2933. \ \, \neg e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}}, e_{1,4} \lor e_{2,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \lor e_{1,4} \lor e_{2,4} \lor e_$
- $2934. \ \, \neg e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}}, e_{1,4} \lor e_{2,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4}$

$$2935. \ \, \neg e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}}, e_{1,4} \lor e_{2,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \lor e_{1,4} \lor e_{2,4} \lor e_$$

$$2936. \ \, \neg e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}}, e_{1,4} \lor e_{2,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \lor e_{1,4} \lor e_{2,4} \lor e_$$

$$2937. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2},\,e_{1,3}} \vdash \neg t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,3}$$

$$2938. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2},\,e_{1,3}} \vdash \neg t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,3}$$

$$2939. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2},\,e_{1,3}} \vdash \neg t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,3}$$

$$2940. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2},\,e_{1,3}} \vdash \neg t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,3}$$

$$2941. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, \, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, \, e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2}, \, \neg e_{1,3}}$$

$$2942. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, \, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, \, e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2}, \, \neg e_{1,3}}$$

$$2943. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, \, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, \, e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2}, \, \neg e_{1,3}}$$

$$2944. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2945. \ \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, \neg e_{1,2} \lor e_{1,3} \lor \neg t_{\neg e_{1,2},\,e_{1,3}} \vdash \neg t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,3} \lor e_{2,3}$$

$$2946. \ \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\, e_{2,3}}, \neg e_{1,2} \lor e_{1,3} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \vdash \neg t_{e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \lor e_{1,3} \lor e_{2,3}$$

$$2947. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor e_{1,3} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,3} \lor e_{2,3}$$

$$2948. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor e_{1,3} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,3} \lor e_{2,3}$$

$$2949. \ \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, \, e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, \, e_{2,3}} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor e_{2,3}$$

$$2950. \ \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, \, e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, \, e_{2,3}} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor e_{2,3}$$

$$2951. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2},\neg e_{1,3}} \vdash \neg t_{e_{1,2},e_{2,3}} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2},\neg e_{1,3}} \lor e_{2,3}$$

$$2952. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2},\neg e_{1,3}} \vdash \neg t_{e_{1,2},e_{2,3}} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2},\neg e_{1,3}} \lor e_{2,3}$$

$$2953. \ \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor e_{2,3} \lor$$

$$2954. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}$$

$$2955. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,3}$$

$$2956. \ \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, \, e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash \neg t_{e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,2}$$

$$2957. \ \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, \, e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \vdash \neg t_{e_{1,2}, \, e_{2,3}} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{2,3} \lor e$$

$$2958. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2},e_{2,3}} \vdash \neg t_{e_{1,2},e_{2,3}} \lor t_{\neg e_{1,2},e_{2,3}} \lor e_{1,2}$$

$$2959. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,3}$$

$$2960. \ \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,2}$$

$$2961. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \vdash \neg t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,2}$$

$$2962. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash \neg t_{e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,3}$$

$$2963. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \vdash \neg t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,2}$$

2964.
$$e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,3}$$

$$2965. \ \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, \, e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \, e_{2,3}} \lor \neg t_{e_{1,2}, \, \neg e_{2,3}} \lor e_{1,2}$$

$$2966. \ \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2},\,\neg e_{2,3}} \vdash \neg t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{2,3}$$

$$2967. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \vdash \neg t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,2}$$

$$2968. \ \ e_{1,2} \lor e_{2,3} \lor \lnot t_{e_{1,2}, \, e_{2,3}}, \lnot e_{1,2} \lor t_{e_{1,2}, \, \lnot e_{2,3}} \vdash \lnot t_{e_{1,2}, \, e_{2,3}} \lor t_{e_{1,2}, \, \lnot e_{2,3}} \lor e_{2,3}$$

2969.
$$e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, e_{2,5} \lor t_{e_{1,2}, e_{2,3}} \vdash e_{2,5} \lor e_{2,3} \lor e_{1,2}$$

2970.
$$e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash e_{2,3} \lor e_{1,2} \lor e_{2,6}$$

$$2971. \ \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, \, e_{2,3}}, \neg e_{2,4} \lor t_{e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{2,5}, \, \neg e_{2,6}} \vdash \neg e_{2,4} \lor t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor e_{2,3} \lor e_{1,2}$$

2972.
$$e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg e_{2,5} \lor e_{2,3} \lor e_{1,2}$$

2973.
$$e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash e_{2,3} \lor \neg e_{2,6} \lor e_{1,2}$$

$$2974. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, \neg e_{2,4} \lor t_{e_{1,2}, e_{2,3}} \lor t_{e_{2,5}, e_{2,6}} \vdash \neg e_{2,4} \lor t_{e_{2,5}, e_{2,6}} \lor e_{2,3} \lor e_{1,2}$$

2975.
$$e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, e_{2,5} \lor t_{e_{1,2}, e_{2,3}} \vdash e_{2,5} \lor e_{2,3} \lor e_{1,2}$$

2976.
$$e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash e_{2,3} \lor \neg e_{2,6} \lor e_{1,2}$$

$$2977. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, e_{2,4} \lor t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}} \vdash t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,3} \lor e_{1,2} \lor e_{2,4}$$

$$2978. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,2},\,e_{2,3}} \vdash \neg e_{2,5} \lor e_{2,3} \lor e_{1,2}$$

2979.
$$e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash e_{2,3} \lor e_{1,2} \lor e_{2,6}$$

$$2980. \ \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, \, e_{2,3}}, e_{2,4} \lor t_{e_{1,2}, \, e_{2,3}} \lor t_{e_{2,5}, \, \neg e_{2,6}} \vdash t_{e_{2,5}, \, \neg e_{2,6}} \lor e_{2,3} \lor e_{1,2} \lor e_{2,4}$$

$$2981. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3},\neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2},e_{2,3}} \lor \neg t_{\neg e_{1,3},\neg e_{2,3}} \lor e_{1,2}$$

$$2982. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor e_{1,2}$$

$$2983. \ \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, \, e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, \, e_{2,3}} \lor \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor e_{1,2}$$

$$2984. \ \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\, e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor e_{1,2}$$

$$2985. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3},e_{2,3}} \vdash \neg t_{e_{1,2},e_{2,3}} \lor t_{\neg e_{1,3},e_{2,3}} \lor e_{1,2}$$

2986.
$$e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,2}$$

$$2987. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3},e_{2,3}} \vdash \neg t_{e_{1,2},e_{2,3}} \lor t_{\neg e_{1,3},e_{2,3}} \lor e_{1,2}$$

$$2988. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3},e_{2,3}} \vdash \neg t_{e_{1,2},e_{2,3}} \lor t_{\neg e_{1,3},e_{2,3}} \lor e_{1,2}$$

$$2989. \ \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, e_{1,3} \lor \neg e_{2,3} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \vdash \neg t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$2990. \ \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, e_{1,3} \lor \neg e_{2,3} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \vdash \neg t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$2991. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, e_{1,3} \lor \neg e_{2,3} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \vdash \neg t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$2992. \ \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\, e_{2,3}}, e_{1,3} \lor \neg e_{2,3} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \vdash \neg t_{e_{1,2},\, e_{2,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$2993. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\, e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,3},\, e_{2,3}} \vdash \neg t_{e_{1,2},\, e_{2,3}} \lor t_{e_{1,3},\, e_{2,3}} \lor e_{1,2}$$

2994.
$$e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,3}, e_{2,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,3}, e_{2,3}} \lor e_{1,2}$$

2995.
$$e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,3}, e_{2,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,3}, e_{2,3}} \lor e_{1,2}$$

2996.
$$e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,3}, e_{2,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,3}, e_{2,3}} \lor e_{1,2}$$

2997.
$$\neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}}, e_{1,2} \lor e_{1,3} \lor \neg t_{e_{1,2}, e_{1,3}} \vdash \neg t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,3}$$

$$2998. \ \, \neg e_{1,2} \lor t_{e_{1,2},\,e_{2,3}}, e_{1,2} \lor e_{1,3} \lor \neg t_{e_{1,2},\,e_{1,3}} \vdash \neg t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}$$

2999.
$$\neg e_{1,2} \lor t_{e_{1,2},e_{2,3}}, e_{1,2} \lor e_{1,3} \lor \neg t_{e_{1,2},e_{1,3}} \vdash \neg t_{e_{1,2},e_{1,3}} \lor t_{e_{1,2},e_{2,3}} \lor e_{1,3}$$

3000.
$$\neg e_{1,2} \lor t_{e_{1,2},e_{2,3}}, e_{1,2} \lor e_{1,3} \lor \neg t_{e_{1,2},e_{1,3}} \vdash \neg t_{e_{1,2},e_{1,3}} \lor t_{e_{1,2},e_{2,3}} \lor e_{1,3}$$

$$3001. \ \, \neg e_{1,2} \lor t_{e_{1,2},\,e_{2,3}}, e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}}$$

3002.
$$\neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}}, e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, e_{2,3}}$$

$$3003. \ \neg e_{1,2} \lor t_{e_{1,2},\,e_{2,3}}, e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}}$$

$$3004. \ \, \neg e_{1,2} \lor t_{e_{1,2},\,e_{2,3}}, e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}}$$

3005.
$$\neg e_{1,2} \lor t_{e_{1,2},e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2},e_{1,3}} \vdash t_{\neg e_{1,2},e_{1,3}} \lor t_{e_{1,2},e_{2,3}}$$

3006.
$$\neg e_{1,2} \lor t_{e_{1,2},e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2},e_{1,3}} \vdash t_{\neg e_{1,2},e_{1,3}} \lor t_{e_{1,2},e_{2,3}}$$

3007.
$$\neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, e_{2,3}}$$

3008.
$$\neg e_{1,2} \lor t_{e_{1,2},e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2},e_{1,3}} \vdash t_{\neg e_{1,2},e_{1,3}} \lor t_{e_{1,2},e_{2,3}}$$

3009.
$$\neg e_{1,2} \lor t_{e_{1,2},e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2},\neg e_{1,3}} \vdash t_{\neg e_{1,2},\neg e_{1,3}} \lor t_{e_{1,2},e_{2,3}}$$

3010.
$$\neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, e_{2,3}}$$

3011.
$$\neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, e_{2,3}}$$

3012.
$$\neg e_{1,2} \lor t_{e_{1,2},e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2},\neg e_{1,3}} \vdash t_{\neg e_{1,2},\neg e_{1,3}} \lor t_{e_{1,2},e_{2,3}}$$

3013.
$$\neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

3014.
$$\neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

3015.
$$\neg e_{1,2} \lor t_{e_{1,2},e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2},\neg e_{2,3}} \vdash t_{\neg e_{1,2},\neg e_{2,3}} \lor t_{e_{1,2},e_{2,3}}$$

3016.
$$\neg e_{1,2} \lor t_{e_{1,2},e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2},\neg e_{2,3}} \vdash t_{\neg e_{1,2},\neg e_{2,3}} \lor t_{e_{1,2},e_{2,3}}$$

3017.
$$\neg e_{1,2} \lor t_{e_{1,2},\,e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{\neg e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}}$$

3018.
$$\neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

3019.
$$\neg e_{1,2} \lor t_{e_{1,2},e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2},e_{2,3}} \vdash t_{\neg e_{1,2},e_{2,3}} \lor t_{e_{1,2},e_{2,3}}$$

3020.
$$\neg e_{1,2} \lor t_{e_{1,2},e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2},e_{2,3}} \vdash t_{\neg e_{1,2},e_{2,3}} \lor t_{e_{1,2},e_{2,3}}$$

3021.
$$\neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}}$$

3022.
$$\neg e_{1,2} \lor t_{e_{1,2},e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2},\neg e_{2,3}} \vdash \neg t_{e_{1,2},\neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2},e_{2,3}}$$

3023.
$$\neg e_{1,2} \lor t_{e_{1,2},e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2},\neg e_{2,3}} \vdash \neg t_{e_{1,2},\neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2},e_{2,3}}$$

$$3024. \ \, \neg e_{1,2} \lor t_{e_{1,2},\,e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2},\,e_{2,3}}$$

3025.
$$\neg e_{2,3} \lor t_{e_{1,2},e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,2},\neg e_{2,3}} \vdash t_{\neg e_{1,2},\neg e_{2,3}} \lor t_{e_{1,2},e_{2,3}}$$

3026.
$$\neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

3027.
$$\neg e_{2,3} \lor t_{e_{1,2},e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,2},\neg e_{2,3}} \vdash t_{\neg e_{1,2},\neg e_{2,3}} \lor t_{e_{1,2},e_{2,3}}$$

3028.
$$\neg e_{2,3} \lor t_{e_{1,2},e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,2},\neg e_{2,3}} \vdash t_{\neg e_{1,2},\neg e_{2,3}} \lor t_{e_{1,2},e_{2,3}}$$

3029.
$$\neg e_{2,3} \lor t_{e_{1,2},e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},e_{2,3}} \vdash \neg e_{1,2} \lor t_{e_{1,2},e_{2,3}} \lor \neg t_{\neg e_{1,2},e_{2,3}}$$

$$3030. \ \, \neg e_{2,3} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg e_{1,2} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}}$$

3031.
$$\neg e_{2,3} \lor t_{e_{1,2},e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},e_{2,3}} \vdash \neg e_{1,2} \lor t_{e_{1,2},e_{2,3}} \lor \neg t_{\neg e_{1,2},e_{2,3}}$$

3032.
$$\neg e_{2,3} \lor t_{e_{1,2},e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},e_{2,3}} \vdash \neg e_{1,2} \lor t_{e_{1,2},e_{2,3}} \lor \neg t_{\neg e_{1,2},e_{2,3}}$$

3033.
$$\neg e_{2,3} \lor t_{e_{1,2},e_{2,3}}, e_{2,3} \lor t_{e_{1,2},\neg e_{2,3}} \vdash t_{e_{1,2},\neg e_{2,3}} \lor t_{e_{1,2},e_{2,3}}$$

3034.
$$\neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

3035.
$$\neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

3036.
$$\neg e_{2,3} \lor t_{e_{1,2},e_{2,3}}, e_{2,3} \lor t_{e_{1,2},\neg e_{2,3}} \vdash t_{e_{1,2},\neg e_{2,3}} \lor t_{e_{1,2},e_{2,3}}$$

3037.
$$\neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

3038.
$$\neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

3039.
$$\neg e_{2,3} \lor t_{e_{1,2},e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,3},\neg e_{2,3}} \vdash t_{\neg e_{1,3},\neg e_{2,3}} \lor t_{e_{1,2},e_{2,3}}$$

3040.
$$\neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

$$3041. \ \, \neg e_{2,3} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\,e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_$$

$$3042. \ \, \neg e_{2,3} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\,e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_$$

$$3043. \ \, \neg e_{2,3} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\,e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_$$

$$3044. \ \, \neg e_{2,3} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\,e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}}$$

3045.
$$\neg e_{2,3} \lor t_{e_{1,2},e_{2,3}}, e_{2,3} \lor t_{e_{1,3},\neg e_{2,3}} \vdash t_{e_{1,3},\neg e_{2,3}} \lor t_{e_{1,2},e_{2,3}}$$

3046.
$$\neg e_{2,3} \lor t_{e_{1,2},e_{2,3}}, e_{2,3} \lor t_{e_{1,3},\neg e_{2,3}} \vdash t_{e_{1,3},\neg e_{2,3}} \lor t_{e_{1,2},e_{2,3}}$$

3047.
$$\neg e_{2,3} \lor t_{e_{1,2},e_{2,3}}, e_{2,3} \lor t_{e_{1,3},\neg e_{2,3}} \vdash t_{e_{1,3},\neg e_{2,3}} \lor t_{e_{1,2},e_{2,3}}$$

3048.
$$\neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

$$3049. \ \, \neg e_{2,3} \lor t_{e_{1,2},\,e_{2,3}}, e_{1,3} \lor e_{2,3} \lor \neg t_{e_{1,3},\,e_{2,3}} \vdash t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3}$$

$$3050. \ \, \neg e_{2,3} \lor t_{e_{1,2},\,e_{2,3}}, e_{1,3} \lor e_{2,3} \lor \neg t_{e_{1,3},\,e_{2,3}} \vdash t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3}$$

3051.
$$\neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}}, e_{1,3} \lor e_{2,3} \lor \neg t_{e_{1,3}, e_{2,3}} \vdash t_{e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3}$$

$$3052. \ \, \neg e_{2,3} \lor t_{e_{1,2},\,e_{2,3}}, e_{1,3} \lor e_{2,3} \lor \neg t_{e_{1,3},\,e_{2,3}} \vdash t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3}$$

$$3053. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, \neg e_{2,5} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash \neg t_{e_{2,5},\, e_{2,6}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{2,6}$$

$$3054. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash \neg t_{e_{2,5},\, e_{2,6}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{2,5}$$

$$3055. \ \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,e_{2,6}}, \neg e_{2,4} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \vdash \neg e_{2,4} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{2,5} \lor e_{2,6}$$

$$3056. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \vdash \neg t_{e_{2,5},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6} \lor e$$

$$3057. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \vdash \neg t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{2,5}$$

$$3058. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash \neg t_{e_{2,5},\,e_{2,6}} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \lor e_{2,5} \lor$$

$$3059. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, \neg e_{2,5} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash \neg t_{e_{2,5},\, e_{2,6}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{2,6}$$

$$3060. \ \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, \, e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}} \vdash \neg t_{e_{2,5}, \, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}} \lor e_{2,6} \lor e$$

$$3061. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg t_{e_{2,5},\,e_{2,6}} \lor e_{2,5} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$3062. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash \neg t_{e_{2,5},\,e_{2,6}} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

3063.
$$e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}}, \neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{e_{2,5}, e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,6}$$

$$3064. \ \ e_{2,5} \lor e_{2,6} \lor \lnot t_{e_{2,5}, \, e_{2,6}}, \lnot e_{2,5} \lor t_{\lnot e_{1,2}, \, e_{2,3}} \vdash \lnot t_{e_{2,5}, \, e_{2,6}} \lor t_{\lnot e_{1,2}, \, e_{2,3}} \lor e_{2,6}$$

$$3065. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg t_{e_{2,5},\, e_{2,6}} \lor e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$3066. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, \, e_{2,6}}, e_{2,4} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{e_{2,5}, \, e_{2,6}} \vdash e_{2,5} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{2,6} \lor e_{2,4}$$

$$3067. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \vdash \neg t_{e_{2,5},\, e_{2,6}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \lor e_{2,6}$$

$$3068. \ \ e_{2,5} \lor e_{2,6} \lor \lnot t_{e_{2,5},\, e_{2,6}}, \lnot e_{2,6} \lor t_{e_{1,2},\, \lnot e_{2,3}} \vdash \lnot t_{e_{2,5},\, e_{2,6}} \lor t_{e_{1,2},\, \lnot e_{2,3}} \lor e_{2,5}$$

$$3069. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash \neg t_{e_{2,5},\,e_{2,6}} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$3070. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, \neg e_{2,5} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash \neg t_{e_{2,5},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,6}$$

$$3071. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, \, e_{2,6}}, \neg e_{2,5} \lor t_{e_{1,2}, \, \neg e_{2,3}} \vdash \neg t_{e_{2,5}, \, e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor e_{2,6}$$

3072.
$$e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,5}$$

$$3073. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, e_{2,4} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{2,5},\, e_{2,6}} \vdash t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,5} \lor e_{2,6} \lor e_{2,4}$$

$$3074. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, \neg e_{2,5} \lor t_{e_{1,2},\, e_{2,3}} \vdash \neg t_{e_{2,5},\, e_{2,6}} \lor t_{e_{1,2},\, e_{2,3}} \lor e_{2,6}$$

$$3075. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2},\, e_{2,3}} \vdash \neg t_{e_{2,5},\, e_{2,6}} \lor t_{e_{1,2},\, e_{2,3}} \lor e_{2,5}$$

$$3076. \ \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, \, e_{2,6}}, \neg e_{2,4} \lor t_{e_{1,2}, \, e_{2,3}} \lor t_{e_{2,5}, \, e_{2,6}} \vdash \neg e_{2,4} \lor t_{e_{1,2}, \, e_{2,3}} \lor e_{2,5} \lor e_{2,6}$$

$$3077. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \vdash \neg t_{e_{2,5},\, e_{2,6}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \lor e_{2,6}$$

$$3078. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2},\, e_{2,3}} \vdash \neg t_{e_{2,5},\, e_{2,6}} \lor t_{e_{1,2},\, e_{2,3}} \lor e_{2,5}$$

$$3079. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash \neg t_{e_{2,5},\,e_{2,6}} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$3080. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,e_{2,6}}, \neg e_{2,5} \lor t_{e_{1,2},\,e_{2,3}} \vdash \neg t_{e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{2,6}$$

$$3081. \ \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, \, e_{2,6}}, \neg e_{1,5} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,5}, \, \neg e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{e_{2,5}, \, e_{2,6}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor e_{2,6}$$

$$3082. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, \, e_{2,6}}, \neg e_{1,5} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,5}, \, \neg e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{e_{2,5}, \, e_{2,6}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor e_{2,6}$$

$$3083. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, \, e_{2,6}}, \neg e_{1,5} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,5}, \, \neg e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{e_{2,5}, \, e_{2,6}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor e_{2,6}$$

$$3084. \ \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, \, e_{2,6}}, \neg e_{1,5} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,5}, \, \neg e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{e_{2,5}, \, e_{2,6}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor e_{2,6}$$

$$3085. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, \neg e_{2,5} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3086. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,e_{2,6}}, \neg e_{2,5} \lor t_{\neg e_{1,5},\,e_{2,5}} \vdash t_{\neg e_{1,5},\,e_{2,5}} \lor \neg t_{e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

3087.
$$e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}}, \neg e_{2,5} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,5}, e_{2,5}} \lor \neg t_{e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$3088. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, \neg e_{2,5} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3089. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, e_{1,5} \lor \neg e_{2,5} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \vdash e_{1,5} \lor \neg t_{e_{2,5},\, e_{2,6}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{2,6}$$

$$3090. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, \, e_{2,6}}, e_{1,5} \lor \neg e_{2,5} \lor \neg t_{e_{1,5}, \, \neg e_{2,5}} \vdash e_{1,5} \lor \neg t_{e_{2,5}, \, e_{2,6}} \lor \neg t_{e_{1,5}, \, \neg e_{2,5}} \lor e_{2,6}$$

$$3091. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,e_{2,6}}, e_{1,5} \lor \neg e_{2,5} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \vdash e_{1,5} \lor \neg t_{e_{2,5},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \lor e_{2,6}$$

$$3092. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, e_{1,5} \lor \neg e_{2,5} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \vdash e_{1,5} \lor \neg t_{e_{2,5},\, e_{2,6}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{2,6}$$

$$3093. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, \neg e_{2,5} \lor t_{e_{1,5},\, e_{2,5}} \vdash t_{e_{1,5},\, e_{2,5}} \lor \neg t_{e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

3094.
$$e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}}, \neg e_{2,5} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{e_{1,5}, e_{2,5}} \lor \neg t_{e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$3095. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, \, e_{2,6}}, \neg e_{2,5} \lor t_{e_{1,5}, \, e_{2,5}} \vdash t_{e_{1,5}, \, e_{2,5}} \lor \neg t_{e_{2,5}, \, e_{2,6}} \lor e_{2,6}$$

3096.
$$e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}}, \neg e_{2,5} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{e_{1,5}, e_{2,5}} \lor \neg t_{e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$3097. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{e_{2,5},\, e_{2,6}} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor e_{2,5}$$

$$3098. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6},\,\neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{e_{2,5},\,e_{2,6}} \lor \neg t_{\neg e_{1,6},\,\neg e_{2,6}} \lor e_{2,5}$$

$$3099. \ \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, \, e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{e_{2,5}, \, e_{2,6}} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor e_{2,5}$$

$$3100. \ \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{e_{2,5},\, e_{2,6}} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor e_{2,5}$$

$$3101. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{2,5},\, e_{2,6}} \lor e_{2,5}$$

3102.
$$e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,6},\,e_{2,6}} \vdash t_{\neg e_{1,6},\,e_{2,6}} \lor \neg t_{e_{2,5},\,e_{2,6}} \lor e_{2,5}$$

$$3103. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{2,5},\, e_{2,6}} \lor e_{2,5}$$

$$3104. \ \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{2,5},\, e_{2,6}} \lor e_{2,5}$$

$$3105. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \vdash \neg t_{e_{2,5},\,e_{2,6}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3106. \ \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, \, e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \, \neg e_{2,6}} \vdash \neg t_{e_{2,5}, \, e_{2,6}} \lor \neg t_{e_{1,6}, \, \neg e_{2,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3107. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, \, e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \, \neg e_{2,6}} \vdash \neg t_{e_{2,5}, \, e_{2,6}} \lor \neg t_{e_{1,6}, \, \neg e_{2,6}} \lor e_{1,6} \lor e_{2,5}$$

$$3108. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \vdash \neg t_{e_{2,5},\,e_{2,6}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor e_{1,6} \lor e_{2,5}$$

3109.
$$e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{2,5}, e_{2,6}} \lor e_{2,5} \lor t_{e_{1,6}, e_{2,6}}$$

3110.
$$e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{2,5}, e_{2,6}} \lor e_{2,5} \lor t_{e_{1,6}, e_{2,6}}$$

3111.
$$e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{2,5}, e_{2,6}} \lor e_{2,5} \lor t_{e_{1,6}, e_{2,6}}$$

$$3112. \ e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,6},\, e_{2,6}} \vdash \neg t_{e_{2,5},\, e_{2,6}} \lor e_{2,5} \lor t_{e_{1,6},\, e_{2,6}}$$

3113.
$$\neg e_{2,5} \lor t_{e_{1,2}, e_{2,3}}, e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

$$3114. \ \, \neg e_{2,5} \lor t_{e_{1,2},\,e_{2,3}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,e_{2,6}} \vdash \neg t_{e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{2,6}$$

$$3115. \ \, \neg e_{2,5} \lor t_{e_{1,2},\,e_{2,3}}, e_{2,5} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}}$$

$$3116. \ \, \neg e_{2,5} \lor t_{e_{1,2},\,e_{2,3}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash t_{e_{1,2},\,e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

3117.
$$\neg e_{2,5} \lor t_{e_{1,2}, e_{2,3}}, e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

$$3118. \ \, \neg e_{2,5} \lor t_{e_{1,2},\,e_{2,3}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash t_{e_{1,2},\,e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

3119.
$$\neg e_{2,5} \lor t_{e_{1,2},\,e_{2,3}}, e_{2,5} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{\neg e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}}$$

3120.
$$\neg e_{2,5} \lor t_{e_{1,2}, e_{2,3}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg t_{e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{2,6}$$

3121.
$$\neg e_{2,5} \lor t_{e_{1,2},\,e_{2,3}}, e_{2,5} \lor t_{e_{1,2},\,\neg e_{2,3}} \vdash t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}}$$

$$3122. \ \, \neg e_{2,5} \lor t_{e_{1,2},\,e_{2,3}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash t_{e_{1,2},\,e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

3123.
$$\neg e_{2,5} \lor t_{e_{1,2}, e_{2,3}}, e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

$$3124. \ \, \neg e_{2,5} \lor t_{e_{1,2},\,e_{2,3}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,e_{2,6}} \vdash \neg t_{e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{2,6}$$

3125.
$$\neg e_{2,5} \lor t_{e_{1,2},\,e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}} \vdash \neg e_{2,5} \lor e_{2,3} \lor e_{1,2}$$

3126.
$$\neg e_{2,5} \lor t_{e_{1,2}, e_{2,3}}, e_{2,5} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, e_{2,3}}$$

3127.
$$\neg e_{2,5} \lor t_{e_{1,2}, e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}} \vdash \neg e_{2,5} \lor e_{2,3} \lor e_{1,2}$$

$$3128. \ \, \neg e_{2,5} \lor t_{e_{1,2},\,e_{2,3}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,e_{2,6}} \vdash \neg t_{e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{2,6}$$

3129.
$$\neg e_{2,5} \lor t_{e_{1,2},\,e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}} \vdash \neg e_{2,5} \lor e_{2,3} \lor e_{1,2}$$

3130.
$$\neg e_{2,5} \lor t_{e_{1,2},e_{2,3}}, e_{2,5} \lor t_{e_{1,2},e_{2,3}} \vdash t_{e_{1,2},e_{2,3}}$$

3131.
$$\neg e_{2,5} \lor t_{e_{1,2}, e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}} \vdash \neg e_{2,5} \lor e_{2,3} \lor e_{1,2}$$

3132.
$$\neg e_{2,5} \lor t_{e_{1,2},e_{2,3}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\neg e_{2,6}} \vdash t_{e_{1,2},e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\neg e_{2,6}}$$

3133.
$$\neg e_{2,5} \lor t_{e_{1,2},e_{2,3}}, e_{2,5} \lor t_{\neg e_{1,5},\neg e_{2,5}} \vdash t_{\neg e_{1,5},\neg e_{2,5}} \lor t_{e_{1,2},e_{2,3}}$$

3134.
$$\neg e_{2,5} \lor t_{e_{1,2}, e_{2,3}}, e_{2,5} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, e_{2,3}}$$

3135.
$$\neg e_{2,5} \lor t_{e_{1,2},e_{2,3}}, e_{2,5} \lor t_{\neg e_{1,5},\neg e_{2,5}} \vdash t_{\neg e_{1,5},\neg e_{2,5}} \lor t_{e_{1,2},e_{2,3}}$$

3136.
$$\neg e_{2,5} \lor t_{e_{1,2}, e_{2,3}}, e_{2,5} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, e_{2,3}}$$

3137.
$$\neg e_{2,5} \lor t_{e_{1,2},e_{2,3}}, \neg e_{1,5} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},e_{2,5}} \vdash \neg e_{1,5} \lor t_{e_{1,2},e_{2,3}} \lor \neg t_{\neg e_{1,5},e_{2,5}}$$

3138.
$$\neg e_{2,5} \lor t_{e_{1,2},e_{2,3}}, \neg e_{1,5} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},e_{2,5}} \vdash \neg e_{1,5} \lor t_{e_{1,2},e_{2,3}} \lor \neg t_{\neg e_{1,5},e_{2,5}}$$

3139.
$$\neg e_{2,5} \lor t_{e_{1,2},e_{2,3}}, \neg e_{1,5} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},e_{2,5}} \vdash \neg e_{1,5} \lor t_{e_{1,2},e_{2,3}} \lor \neg t_{\neg e_{1,5},e_{2,5}}$$

3140.
$$\neg e_{2,5} \lor t_{e_{1,2},e_{2,3}}, \neg e_{1,5} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},e_{2,5}} \vdash \neg e_{1,5} \lor t_{e_{1,2},e_{2,3}} \lor \neg t_{\neg e_{1,5},e_{2,5}}$$

3141.
$$\neg e_{2,5} \lor t_{e_{1,2},e_{2,3}}, e_{2,5} \lor t_{e_{1,5},\neg e_{2,5}} \vdash t_{e_{1,5},\neg e_{2,5}} \lor t_{e_{1,2},e_{2,3}}$$

3142.
$$\neg e_{2,5} \lor t_{e_{1,2}, e_{2,3}}, e_{2,5} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, e_{2,3}}$$

3143.
$$\neg e_{2,5} \lor t_{e_{1,2},e_{2,3}}, e_{2,5} \lor t_{e_{1,5},\neg e_{2,5}} \vdash t_{e_{1,5},\neg e_{2,5}} \lor t_{e_{1,2},e_{2,3}}$$

3144.
$$\neg e_{2,5} \lor t_{e_{1,2},e_{2,3}}, e_{2,5} \lor t_{e_{1,5},\neg e_{2,5}} \vdash t_{e_{1,5},\neg e_{2,5}} \lor t_{e_{1,2},e_{2,3}}$$

3145.
$$\neg e_{2,5} \lor t_{e_{1,2}, e_{2,3}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,5}, e_{2,5}}$$

3146.
$$\neg e_{2,5} \lor t_{e_{1,2},e_{2,3}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5},e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2},e_{2,3}} \lor \neg t_{e_{1,5},e_{2,5}}$$

3147.
$$\neg e_{2,5} \lor t_{e_{1,2},e_{2,3}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5},e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2},e_{2,3}} \lor \neg t_{e_{1,5},e_{2,5}}$$

3148.
$$\neg e_{2,5} \lor t_{e_{1,2},e_{2,3}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5},e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2},e_{2,3}} \lor \neg t_{e_{1,5},e_{2,5}}$$

3149.
$$\neg e_{2,6} \lor t_{e_{1,2}, e_{2,3}}, e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

3150.
$$\neg e_{2,6} \lor t_{e_{1,2},e_{2,3}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},e_{2,6}} \vdash \neg t_{e_{2,5},e_{2,6}} \lor t_{e_{1,2},e_{2,3}} \lor e_{2,5}$$

3151.
$$\neg e_{2,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \vdash t_{e_{1,2},\,e_{2,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}}$$

3152.
$$\neg e_{2,6} \lor t_{e_{1,2}, e_{2,3}}, e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

$$3153. \ \, \neg e_{2,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \vdash t_{e_{1,2},\,e_{2,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}}$$

3154.
$$\neg e_{2,6} \lor t_{e_{1,2}, e_{2,3}}, e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

3155.
$$\neg e_{2,6} \lor t_{e_{1,2},e_{2,3}}, e_{2,6} \lor t_{\neg e_{1,2},e_{2,3}} \vdash t_{\neg e_{1,2},e_{2,3}} \lor t_{e_{1,2},e_{2,3}}$$

3156.
$$\neg e_{2,6} \lor t_{e_{1,2}, e_{2,3}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg t_{e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{2,5}$$

3157.
$$\neg e_{2,6} \lor t_{e_{1,2},e_{2,3}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},e_{2,6}} \vdash t_{e_{1,2},e_{2,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},e_{2,6}}$$

3158.
$$\neg e_{2,6} \lor t_{e_{1,2},e_{2,3}}, e_{2,6} \lor t_{e_{1,2},\neg e_{2,3}} \vdash t_{e_{1,2},\neg e_{2,3}} \lor t_{e_{1,2},e_{2,3}}$$

3159.
$$\neg e_{2,6} \lor t_{e_{1,2}, e_{2,3}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

$$3160. \ \, \neg e_{2,6} \lor t_{e_{1,2},\,e_{2,3}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,e_{2,6}} \vdash \neg t_{e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{2,5}$$

3161.
$$\neg e_{2,6} \lor t_{e_{1,2},\,e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}} \vdash e_{2,3} \lor \neg e_{2,6} \lor e_{1,2}$$

3162.
$$\neg e_{2,6} \lor t_{e_{1,2},e_{2,3}}, e_{2,6} \lor t_{e_{1,2},e_{2,3}} \vdash t_{e_{1,2},e_{2,3}}$$

3163.
$$\neg e_{2,6} \lor t_{e_{1,2},\,e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}} \vdash e_{2,3} \lor \neg e_{2,6} \lor e_{1,2}$$

3164.
$$\neg e_{2,6} \lor t_{e_{1,2},e_{2,3}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},e_{2,6}} \vdash \neg t_{e_{2,5},e_{2,6}} \lor t_{e_{1,2},e_{2,3}} \lor e_{2,5}$$

3165.
$$\neg e_{2,6} \lor t_{e_{1,2}, e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}} \vdash e_{2,3} \lor \neg e_{2,6} \lor e_{1,2}$$

3166.
$$\neg e_{2,6} \lor t_{e_{1,2},e_{2,3}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},e_{2,6}} \vdash t_{e_{1,2},e_{2,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},e_{2,6}}$$

3167.
$$\neg e_{2,6} \lor t_{e_{1,2},e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},e_{2,3}} \vdash e_{2,3} \lor \neg e_{2,6} \lor e_{1,2}$$

3168.
$$\neg e_{2,6} \lor t_{e_{1,2}, e_{2,3}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, e_{2,3}}$$

3169.
$$\neg e_{2,6} \lor t_{e_{1,2}, e_{2,3}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}$$

3170.
$$\neg e_{2,6} \lor t_{e_{1,2},e_{2,3}}, e_{2,6} \lor t_{\neg e_{1,6},\neg e_{2,6}} \vdash t_{\neg e_{1,6},\neg e_{2,6}} \lor t_{e_{1,2},e_{2,3}}$$

3171.
$$\neg e_{2,6} \lor t_{e_{1,2},e_{2,3}}, e_{2,6} \lor t_{\neg e_{1,6},\neg e_{2,6}} \vdash t_{\neg e_{1,6},\neg e_{2,6}} \lor t_{e_{1,2},e_{2,3}}$$

3172.
$$\neg e_{2,6} \lor t_{e_{1,2}, e_{2,3}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}$$

3173.
$$\neg e_{2,6} \lor t_{e_{1,2},e_{2,3}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,2},e_{2,3}} \lor \neg t_{\neg e_{1,6},e_{2,6}}$$

3174.
$$\neg e_{2,6} \lor t_{e_{1,2},e_{2,3}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,2},e_{2,3}} \lor \neg t_{\neg e_{1,6},e_{2,6}}$$

3175.
$$\neg e_{2,6} \lor t_{e_{1,2},e_{2,3}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,2},e_{2,3}} \lor \neg t_{\neg e_{1,6},e_{2,6}}$$

$$3176. \ \, \neg e_{2,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}}$$

3177.
$$\neg e_{2,6} \lor t_{e_{1,2},e_{2,3}}, e_{2,6} \lor t_{e_{1,6},\neg e_{2,6}} \vdash t_{e_{1,6},\neg e_{2,6}} \lor t_{e_{1,2},e_{2,3}}$$

3178.
$$\neg e_{2,6} \lor t_{e_{1,2}, e_{2,3}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}$$

3179.
$$\neg e_{2,6} \lor t_{e_{1,2}, e_{2,3}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}$$

3180.
$$\neg e_{2,6} \lor t_{e_{1,2},e_{2,3}}, e_{2,6} \lor t_{e_{1,6},\neg e_{2,6}} \vdash t_{e_{1,6},\neg e_{2,6}} \lor t_{e_{1,2},e_{2,3}}$$

3181.
$$\neg e_{2,6} \lor t_{e_{1,2},\,e_{2,3}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,6}$$

$$3182. \ \, \neg e_{2,6} \lor t_{e_{1,2},\,e_{2,3}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,6}$$

3183.
$$\neg e_{2,6} \lor t_{e_{1,2},e_{2,3}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},e_{2,6}} \vdash \neg t_{e_{1,6},e_{2,6}} \lor t_{e_{1,2},e_{2,3}} \lor e_{1,6}$$

3184.
$$\neg e_{2,6} \lor t_{e_{1,2}, e_{2,3}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,6}$$

$$3185. \ \, \neg e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,e_{2,6}} \vdash \neg e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{2,5} \lor e_{2,6} \lor \neg e_{2,6} \lor \neg e_{2,6} \lor \neg e_{2,6} \lor e_{2,6} \lor \neg e_{2,6} \lor e_{2,6} \lor \neg e_{2,6$$

$$3186. \ \, \neg e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}}, e_{2,4} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,e_{2,6}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,2},\,e_{2,2}} \lor t_{\neg e_{2,2},\,e_$$

$$3187. \ \neg e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}}, e_{2,4} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{e_{2,5},\,\neg e_{2,6}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,e_{2,6}} \lor t_{\neg e_{2,5},\,e_{2,$$

$$3188. \ \, \neg e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}}, e_{2,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_$$

3189.
$$\neg e_{2,4} \lor t_{e_{1,2}, e_{2,3}} \lor t_{e_{2,5}, e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg e_{2,4} \lor t_{e_{1,2}, e_{2,3}} \lor e_{2,5} \lor e_{2,6}$$

$$3190. \ \neg e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}}, e_{2,4} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$3191. \ \, \neg e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}}, e_{2,4} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_$$

3192.
$$\neg e_{2,4} \lor t_{e_{1,2},e_{2,3}} \lor t_{e_{2,5},e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},e_{2,6}} \vdash \neg e_{2,4} \lor t_{e_{1,2},e_{2,3}} \lor e_{2,5} \lor e_{2,6}$$

3193.
$$\neg e_{2,4} \lor t_{e_{1,2},e_{2,3}} \lor t_{e_{2,5},e_{2,6}}, e_{2,4} \lor t_{e_{1,2},\neg e_{2,3}} \lor t_{e_{2,5},e_{2,6}} \vdash t_{e_{1,2},e_{2,3}} \lor t_{e_{2,5},e_{2,6}} \lor t_{e_{1,2},\neg e_{2,3}}$$

$$3194. \ \, \neg e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}} \vdash \neg e_{2,4} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{2,3} \lor e_{1,2}$$

3195.
$$\neg e_{2,4} \lor t_{e_{1,2}, e_{2,3}} \lor t_{e_{2,5}, e_{2,6}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}} \vdash \neg e_{2,4} \lor t_{e_{2,5}, e_{2,6}} \lor e_{2,3} \lor e_{1,2}$$

$$3196. \ \, \neg e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,e_{2,6}} \vdash \neg e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{2,5} \lor e_{2,6}$$

3197.
$$\neg e_{2,4} \lor t_{e_{1,2},e_{2,3}} \lor t_{e_{2,5},e_{2,6}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},e_{2,3}} \vdash \neg e_{2,4} \lor t_{e_{2,5},e_{2,6}} \lor e_{2,3} \lor e_{1,2}$$

$$3198. \ \, \neg e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}}, e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,e_{2,6}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}}$$

$$3199. \ \, \neg e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}} \vdash \neg e_{2,4} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{2,3} \lor e_{1,2}$$

$$3200. \ \, \neg e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}}, e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,\neg e_{2,6}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor t_{e_{2$$

$$3201. \ \, \neg e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}}, e_{2,4} \lor t_{\neg e_{1,4},\,\neg e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,4},\,\neg e_{2,4}}$$

$$3202. \ \neg e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}}, e_{2,4} \lor t_{\neg e_{1,4},\,\neg e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,4},\,\neg e_{2,4}}$$

$$3203. \ \neg e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}}, e_{2,4} \lor t_{\neg e_{1,4},\,\neg e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,4},\,\neg e_{2,4}}$$

$$3204. \ \, \neg e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}}, e_{2,4} \lor t_{\neg e_{1,4},\,\neg e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,4},\,\neg e_{2,4}}$$

$$3205. \ \, \neg e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}}, \neg e_{1,4} \lor e_{2,4} \lor \neg t_{\neg e_{1,4},\,e_{2,4}} \vdash \neg t_{\neg e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor \neg e_{1,4} \lor e_{2,4} \lor \neg e_{2,4$$

$$3206. \ \, \neg e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}}, \neg e_{1,4} \lor e_{2,4} \lor \neg t_{\neg e_{1,4},\,e_{2,4}} \vdash \neg t_{\neg e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor \neg e_{1,4} \lor e_{2,4} \lor \neg e_{2,4$$

$$3207. \ \, \neg e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}}, \neg e_{1,4} \lor e_{2,4} \lor \neg t_{\neg e_{1,4},\,e_{2,4}} \vdash \neg t_{\neg e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor \neg e_{1,4}$$

$$3208. \ \, \neg e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}}, \neg e_{1,4} \lor e_{2,4} \lor \neg t_{\neg e_{1,4},\,e_{2,4}} \vdash \neg t_{\neg e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor \neg e_{1,4} \lor e_{2,4} \lor \neg e_{2,4$$

$$3209. \ \, \neg e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}}, e_{2,4} \lor t_{e_{1,4},\,\neg e_{2,4}} \vdash t_{e_{1,4},\,\neg e_{2,4}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}}, e_{2,6} \lor t_{e_{2,5},\,e_{2,6}} \lor t_{e_{2,5},\,e_{2,6}}$$

$$3210. \ \, \neg e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}}, e_{2,4} \lor t_{e_{1,4},\,\neg e_{2,4}} \vdash t_{e_{1,4},\,\neg e_{2,4}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}}, e_{2,6} \lor t_{e_{2,5},\,e_{2,6}} \lor t_{e_{2,5},\,e_{2,6}}$$

$$3211. \ \, \neg e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}}, e_{2,4} \lor t_{e_{1,4},\,\neg e_{2,4}} \vdash t_{e_{1,4},\,\neg e_{2,4}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}}, e_{2,6} \lor t_{e_{2,5},\,e_{2,6}} \lor t_{e_{2,5},\,e_{2,6}}$$

$$3212. \ \, \neg e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}}, e_{2,4} \lor t_{e_{1,4},\,\neg e_{2,4}} \vdash t_{e_{1,4},\,\neg e_{2,4}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}}, e_{2,6} \lor t_{e_{2,5},\,e_{2,6}} \lor t_{e_{2,5},\,e_{2,6}}$$

$$3213. \ \, \neg e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}}, e_{1,4} \lor e_{2,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4} \lor e_{1,4}, e_{2,4} \lor e_{1,4}, e_{2,4} \lor e_{2,5}, e_{2,6} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,6} \lor e_$$

$$3214. \ \, \neg e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}}, e_{1,4} \lor e_{2,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4}$$

$$3215. \ \, \neg e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}}, e_{1,4} \lor e_{2,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4}$$

$$3216. \ \, \neg e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}}, e_{1,4} \lor e_{2,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{1,4}$$

3217.
$$e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2},e_{1,3}} \vdash \neg t_{e_{1,2},e_{2,3}} \lor t_{e_{1,2},e_{1,3}} \lor e_{2,3}$$

3218.
$$e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, e_{1,3}} \lor e_{2,3}$$

3219.
$$e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, e_{1,3}} \lor e_{2,3}$$

$$3220. \ \ e_{1,2} \lor e_{2,3} \lor \lnot t_{e_{1,2},\,e_{2,3}}, \lnot e_{1,2} \lor t_{e_{1,2},\,e_{1,3}} \vdash \lnot t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,3}$$

$$3221. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2},\neg e_{1,3}} \vdash \neg t_{e_{1,2},e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2},\neg e_{1,3}}$$

3222.
$$e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2},\neg e_{1,3}} \vdash \neg t_{e_{1,2},e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2},\neg e_{1,3}}$$

$$3223. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2},\neg e_{1,3}} \vdash \neg t_{e_{1,2},e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2},\neg e_{1,3}}$$

$$3224. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2},\neg e_{1,3}} \vdash \neg t_{e_{1,2},e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2},\neg e_{1,3}}$$

$$3225. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor e_{1,3} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,3} \lor e_{2,3}$$

$$3226. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, \neg e_{1,2} \lor e_{1,3} \lor \neg t_{\neg e_{1,2},\,e_{1,3}} \vdash \neg t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,3} \lor e_{2,3}$$

$$3227. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor e_{1,3} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,3} \lor e_{2,3}$$

$$3228. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, \neg e_{1,2} \lor e_{1,3} \lor \neg t_{\neg e_{1,2},\,e_{1,3}} \vdash \neg t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,3} \lor e_{2,3}$$

$$3229. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2},\neg e_{1,3}} \vdash \neg t_{e_{1,2},e_{2,3}} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2},\neg e_{1,3}} \lor e_{2,3}$$

$$3230. \ \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, \, e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, \, e_{2,3}} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor e_{2,3}$$

$$3231. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \vdash \neg t_{e_{1,2},\,e_{2,3}} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$3232. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \vdash \neg t_{e_{1,2},\,e_{2,3}} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$3233. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor e_{2,3} \lor e$$

3234.
$$e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}$$

$$3235. \ \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, \, e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \vdash \neg t_{e_{1,2}, \, e_{2,3}} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{2,3} \lor e$$

$$3236. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,2}$$

$$3237. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor e_{2,3}$$

3238.
$$e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}$$

$$3239. \ \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor e_{2,3} \lor$$

$$3240. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,2}$$

$$3241. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, \, e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \, e_{2,3}} \lor \neg t_{e_{1,2}, \, \neg e_{2,3}} \lor e_{1,2}$$

3242.
$$e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,3}$$

$$3243. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$3244. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,3}$$

$$3245. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, \, e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \, e_{2,3}} \lor \neg t_{e_{1,2}, \, \neg e_{2,3}} \lor e_{1,2}$$

3246.
$$e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,3}$$

$$3247. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, \, e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \, e_{2,3}} \lor \neg t_{e_{1,2}, \, \neg e_{2,3}} \lor e_{1,2}$$

$$3248. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,3}$$

3249.
$$e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, e_{2,5} \lor t_{e_{1,2},\,e_{2,3}} \vdash e_{2,5} \lor e_{2,3} \lor e_{1,2}$$

3250.
$$e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash e_{2,3} \lor e_{1,2} \lor e_{2,6}$$

$$3251. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},e_{2,3}}, \neg e_{2,4} \lor t_{e_{1,2},e_{2,3}} \lor t_{\neg e_{2,5},\neg e_{2,6}} \vdash \neg e_{2,4} \lor t_{\neg e_{2,5},\neg e_{2,6}} \lor e_{2,3} \lor e_{1,2}$$

3252.
$$e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg e_{2,5} \lor e_{2,3} \lor e_{1,2}$$

3253.
$$e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash e_{2,3} \lor \neg e_{2,6} \lor e_{1,2}$$

$$3254. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, \neg e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \vdash \neg e_{2,4} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{2,3} \lor e_{1,2}$$

3255.
$$e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, e_{2,5} \lor t_{e_{1,2}, e_{2,3}} \vdash e_{2,5} \lor e_{2,3} \lor e_{1,2}$$

3256.
$$e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash e_{2,3} \lor \neg e_{2,6} \lor e_{1,2}$$

$$3257. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, e_{2,4} \lor t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}} \vdash t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,3} \lor e_{1,2} \lor e_{2,4}$$

3258.
$$e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg e_{2,5} \lor e_{2,3} \lor e_{1,2}$$

3259.
$$e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash e_{2,3} \lor e_{1,2} \lor e_{2,6}$$

$$3260. \ \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, \, e_{2,3}}, e_{2,4} \lor t_{e_{1,2}, \, e_{2,3}} \lor t_{e_{2,5}, \, \neg e_{2,6}} \vdash t_{e_{2,5}, \, \neg e_{2,6}} \lor e_{2,3} \lor e_{1,2} \lor e_{2,4}$$

$$3261. \ \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor e_{1,2}$$

$$3262. \ \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor e_{1,2}$$

$$3263. \ \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, \, e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, \, e_{2,3}} \lor \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor e_{1,2}$$

$$3264. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor e_{1,2}$$

$$3265. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3},\,e_{2,3}} \vdash \neg t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor e_{1,2}$$

$$3266. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3},\,e_{2,3}} \vdash \neg t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor e_{1,2}$$

3267.
$$e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,2}$$

$$3268. \ \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\, e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3},\, e_{2,3}} \vdash \neg t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor e_{1,2}$$

$$3269. \ \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, e_{1,3} \lor \neg e_{2,3} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \vdash \neg t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$3270. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, e_{1,3} \lor \neg e_{2,3} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \vdash \neg t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$3271. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, \, e_{2,3}}, e_{1,3} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \, e_{2,3}} \lor \neg t_{e_{1,3}, \, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$3272. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, \, e_{2,3}}, e_{1,3} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \, e_{2,3}} \lor \neg t_{e_{1,3}, \, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$3273. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, \, e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,3}, \, e_{2,3}} \vdash \neg t_{e_{1,2}, \, e_{2,3}} \lor t_{e_{1,3}, \, e_{2,3}} \lor e_{1,2}$$

$$3274. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,3},\,e_{2,3}} \vdash \neg t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}$$

3275.
$$e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,3}, e_{2,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,3}, e_{2,3}} \lor e_{1,2}$$

3276.
$$e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,3}, e_{2,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,3}, e_{2,3}} \lor e_{1,2}$$

$$3277. \ \, \neg e_{1,2} \lor t_{e_{1,2},\,e_{2,3}}, e_{1,2} \lor e_{1,3} \lor \neg t_{e_{1,2},\,e_{1,3}} \vdash \neg t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}$$

3278.
$$\neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}}, e_{1,2} \lor e_{1,3} \lor \neg t_{e_{1,2}, e_{1,3}} \vdash \neg t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,3}$$

$$3279. \ \, \neg e_{1,2} \lor t_{e_{1,2},\,e_{2,3}}, e_{1,2} \lor e_{1,3} \lor \neg t_{e_{1,2},\,e_{1,3}} \vdash \neg t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}$$

$$3280. \ \, \neg e_{1,2} \lor t_{e_{1,2},\,e_{2,3}}, e_{1,2} \lor e_{1,3} \lor \neg t_{e_{1,2},\,e_{1,3}} \vdash \neg t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}$$

$$3281. \ \, \neg e_{1,2} \lor t_{e_{1,2},\,e_{2,3}}, e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}}$$

$$3282. \ \, \neg e_{1,2} \lor t_{e_{1,2},\,e_{2,3}}, e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}}$$

3283.
$$\neg e_{1,2} \lor t_{e_{1,2},e_{2,3}}, e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,2},\neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2},\neg e_{1,3}} \lor t_{e_{1,2},e_{2,3}}$$

$$3284. \ \, \neg e_{1,2} \lor t_{e_{1,2},\,e_{2,3}}, e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}}$$

3285.
$$\neg e_{1,2} \lor t_{e_{1,2},e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2},e_{1,3}} \vdash t_{\neg e_{1,2},e_{1,3}} \lor t_{e_{1,2},e_{2,3}}$$

3286.
$$\neg e_{1,2} \lor t_{e_{1,2},e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2},e_{1,3}} \vdash t_{\neg e_{1,2},e_{1,3}} \lor t_{e_{1,2},e_{2,3}}$$

3287.
$$\neg e_{1,2} \lor t_{e_{1,2},e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2},e_{1,3}} \vdash t_{\neg e_{1,2},e_{1,3}} \lor t_{e_{1,2},e_{2,3}}$$

3288.
$$\neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, e_{2,3}}$$

3289.
$$\neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, e_{2,3}}$$

3290.
$$\neg e_{1,2} \lor t_{e_{1,2},e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2},\neg e_{1,3}} \vdash t_{\neg e_{1,2},\neg e_{1,3}} \lor t_{e_{1,2},e_{2,3}}$$

3291.
$$\neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, e_{2,3}}$$

3292.
$$\neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, e_{2,3}}$$

3293.
$$\neg e_{1,2} \lor t_{e_{1,2},e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2},\neg e_{2,3}} \vdash t_{\neg e_{1,2},\neg e_{2,3}} \lor t_{e_{1,2},e_{2,3}}$$

3294.
$$\neg e_{1,2} \lor t_{e_{1,2},e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2},\neg e_{2,3}} \vdash t_{\neg e_{1,2},\neg e_{2,3}} \lor t_{e_{1,2},e_{2,3}}$$

3295.
$$\neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

3296.
$$\neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

3297.
$$\neg e_{1,2} \lor t_{e_{1,2},e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2},e_{2,3}} \vdash t_{\neg e_{1,2},e_{2,3}} \lor t_{e_{1,2},e_{2,3}}$$

3298.
$$\neg e_{1,2} \lor t_{e_{1,2},e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2},e_{2,3}} \vdash t_{\neg e_{1,2},e_{2,3}} \lor t_{e_{1,2},e_{2,3}}$$

3299.
$$\neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

3300.
$$\neg e_{1,2} \lor t_{e_{1,2},e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2},e_{2,3}} \vdash t_{\neg e_{1,2},e_{2,3}} \lor t_{e_{1,2},e_{2,3}}$$

3301.
$$\neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}}$$

3302.
$$\neg e_{1,2} \lor t_{e_{1,2},e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2},\neg e_{2,3}} \vdash \neg t_{e_{1,2},\neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2},e_{2,3}}$$

$$3303. \ \, \neg e_{1,2} \lor t_{e_{1,2},\,e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2},\,e_{2,3}}$$

3304.
$$\neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}}$$

$$3305. \ \, \neg e_{2,3} \lor t_{e_{1,2},\,e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}}$$

3306.
$$\neg e_{2,3} \lor t_{e_{1,2},e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,2},\neg e_{2,3}} \vdash t_{\neg e_{1,2},\neg e_{2,3}} \lor t_{e_{1,2},e_{2,3}}$$

3307.
$$\neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

3308.
$$\neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

3309.
$$\neg e_{2,3} \lor t_{e_{1,2},e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},e_{2,3}} \vdash \neg e_{1,2} \lor t_{e_{1,2},e_{2,3}} \lor \neg t_{\neg e_{1,2},e_{2,3}}$$

$$3310. \ \, \neg e_{2,3} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg e_{1,2} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}}$$

$$3311. \ \, \neg e_{2,3} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg e_{1,2} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}}$$

$$3312. \ \, \neg e_{2,3} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg e_{1,2} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}}$$

3313.
$$\neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

3314.
$$\neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

3315.
$$\neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

3316.
$$\neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

3317.
$$\neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

3318.
$$\neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

3319.
$$\neg e_{2,3} \lor t_{e_{1,2},e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,3},\neg e_{2,3}} \vdash t_{\neg e_{1,3},\neg e_{2,3}} \lor t_{e_{1,2},e_{2,3}}$$

3320.
$$\neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

$$3321. \ \, \neg e_{2,3} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\,e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_$$

$$3322. \ \, \neg e_{2,3} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\,e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_$$

3323.
$$\neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

$$3324. \ \, \neg e_{2,3} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\,e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_$$

3325.
$$\neg e_{2,3} \lor t_{e_{1,2},e_{2,3}}, e_{2,3} \lor t_{e_{1,3},\neg e_{2,3}} \vdash t_{e_{1,3},\neg e_{2,3}} \lor t_{e_{1,2},e_{2,3}}$$

3326.
$$\neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

3327.
$$\neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

3328.
$$\neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

3329.
$$\neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}}, e_{1,3} \lor e_{2,3} \lor \neg t_{e_{1,3}, e_{2,3}} \vdash t_{e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3}$$

3330.
$$\neg e_{2,3} \lor t_{e_{1,2},e_{2,3}}, e_{1,3} \lor e_{2,3} \lor \neg t_{e_{1,3},e_{2,3}} \vdash t_{e_{1,2},e_{2,3}} \lor \neg t_{e_{1,3},e_{2,3}} \lor e_{1,3}$$

$$3331. \ \, \neg e_{2,3} \lor t_{e_{1,2},\,e_{2,3}}, e_{1,3} \lor e_{2,3} \lor \neg t_{e_{1,3},\,e_{2,3}} \vdash t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3}$$

3332.
$$\neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}}, e_{1,3} \lor e_{2,3} \lor \neg t_{e_{1,3}, e_{2,3}} \vdash t_{e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3}$$

$$3333. \ \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}}, \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}}, \neg e_{2$$

$$3334. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}}, e_{2,5} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}} \lor e_{2,6}$$

$$3335. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}} \vdash \neg t_{e_{2,5},\, e_{2,6}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \lor e_{2$$

3336.
$$\neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}}$$

$$3337. \ \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}}, e_{2,5} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}} \lor e_{2,6}$$

$$3338. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$$

$$3339. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{2,4} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{2,5},\, e_{2,6}} \vdash t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,5} \lor e_{2,6} \lor e_{2,4} \lor e_{2,4} \lor e_{2,5} \lor e_{2,6} \lor$$

$$3340. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3341. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$$

$$3342. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, \neg e_{2,4} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{2,5},\, e_{2,6}} \vdash \neg e_{2,4} \lor \neg e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,6}$$

$$3343. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor \neg e_{2,5} \lor \neg e_{2,6} \lor$$

$$3344. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3345. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}} \vdash \neg t_{e_{2,5},\, e_{2,6}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \lor e_{2$$

$$3346. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$$

$$3347. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}}, e_{2,5} \lor t_{e_{1,2}, \, \neg e_{2,3}} \vdash t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}} \lor e_{2,6}$$

$$3348. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$$

$$3349. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, \neg e_{2,4} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{2,5},\, e_{2,6}} \vdash \neg e_{2,4} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,5} \lor e_{2,6}$$

$$3350. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor \neg e_{2,5} \lor \neg e_{2,6} \lor$$

3351.
$$\neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}}, e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

$$3352. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}} \vdash \neg t_{e_{2,5},\, e_{2,6}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \lor e_{2$$

$$3353. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$$

$$3354. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor \neg e_{2,5} \lor \neg e_{2,6} \lor$$

$$3355. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{2,5} \lor t_{e_{1,2},\, e_{2,3}} \vdash t_{e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3356. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}} \vdash \neg t_{e_{2,5},\, e_{2,6}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \lor e_{2$$

$$3357. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2},\, e_{2,3}} \vdash t_{e_{1,2},\, e_{2,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$$

$$3358. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{2,5} \lor t_{e_{1,2},\, e_{2,3}} \vdash t_{e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3359. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2},\, e_{2,3}} \vdash t_{e_{1,2},\, e_{2,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$$

$$3360. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{2,4} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{2,5},\, e_{2,6}} \vdash t_{e_{1,2},\, e_{2,3}} \lor \neg e_{2,5} \lor e_{2,6} \lor e_{2,4} \lor e_{2,4} \lor e_{2,5} \lor e_{2,6} \lor e_{2,6}$$

$$3361. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{2,5} \lor t_{\neg e_{1,5},\, \neg e_{2,5}} \vdash t_{\neg e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3362. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{2,5} \lor t_{\neg e_{1,5},\, \neg e_{2,5}} \vdash t_{\neg e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3363. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}}, e_{2,5} \lor t_{\neg e_{1,5}, \, \neg e_{2,5}} \vdash t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}} \lor e_{2,6}$$

$$3364. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{2,5} \lor t_{\neg e_{1,5},\, \neg e_{2,5}} \vdash t_{\neg e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3365. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, \neg e_{1,5} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \lor e_{2,6$$

$$3366. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, \neg e_{1,5} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \lor e_{2,6$$

$$3367. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, \neg e_{1,5} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \lor e_{2,6$$

$$3368. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, \neg e_{1,5} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \lor e_{2,6$$

$$3369. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{2,5} \lor t_{e_{1,5},\, \neg e_{2,5}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3370. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}}, e_{2,5} \lor t_{e_{1,5}, \, \neg e_{2,5}} \vdash t_{e_{1,5}, \, \neg e_{2,5}} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}} \lor e_{2,6}$$

$$3371. \ \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}}, e_{2,5} \lor t_{e_{1,5}, \, \neg e_{2,5}} \vdash t_{e_{1,5}, \, \neg e_{2,5}} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}} \lor e_{2,6}$$

$$3372. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}}, e_{2,5} \lor t_{e_{1,5}, \, \neg e_{2,5}} \vdash t_{e_{1,5}, \, \neg e_{2,5}} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}} \lor e_{2,6}$$

$$3373. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \vdash e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \lor e_{2$$

$$3374. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \vdash e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3375. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5}, \, e_{2,5}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \, e_{2,5}} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}} \lor e_{2,6}$$

$$3376. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \vdash e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$3377. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$$

$$3378. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}}, \neg e_{2,6} \lor \neg e_{2,5} \lor \neg e_{2,6} \lor \neg e_{2,6}$$

$$3379. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, \neg e_{2,6} \lor \neg e_{2,5} \lor \neg e_{2,6} \lor \neg$$

$$3380. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, \neg e_{2,6} \lor \neg e_{2,5} \lor \neg e_{2,6} \lor \neg$$

$$3381. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$$

$$3382. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$$

$$3383. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$$

$$3384. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$$

$$3385. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \vdash \neg t_{e_{1,6},\, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{2,6} \lor \neg e_{2,6} \lor$$

$$3386. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \vdash \neg t_{e_{1,6},\, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$$

$$3387. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \vdash \neg t_{e_{1,6},\, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,5} \lor \neg e_{2,6} \lor \neg e_{2,$$

$$3388. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \vdash \neg t_{e_{1,6},\, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, e_{2,6} \lor \neg e_{2,6} \lor$$

$$3389. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,6},\, e_{2,6}} \vdash \neg e_{2,5} \lor t_{e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$$

$$3390. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,6},\, e_{2,6}} \vdash \neg e_{2,5} \lor t_{e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$$

3391.
$$\neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}} \vdash \neg e_{2,5} \lor t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, e_{2,6}}$$

$$3392. \ \, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,6},\, e_{2,6}} \vdash \neg e_{2,5} \lor t_{e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$$

$$3393. \ e_{2,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg e_{2,6}$$

$$3394. \ e_{2,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{2,5} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}}$$

$$3395. \ e_{2,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \vdash t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

3396.
$$e_{2,5} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

$$3397. \ e_{2,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \vdash t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

3398.
$$e_{2,5} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

$$3399. \ e_{2,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg e_{2,6}$$

3400.
$$e_{2,5} \lor t_{e_{1,2},e_{2,3}}, \neg e_{2,5} \lor t_{\neg e_{1,2},e_{2,3}} \vdash t_{\neg e_{1,2},e_{2,3}} \lor t_{e_{1,2},e_{2,3}}$$

$$3401. \ e_{2,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \vdash t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,6}$$

3402.
$$e_{2,5} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

$$3403. \ e_{2,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg e_{2,6}$$

3404.
$$e_{2,5} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

3405.
$$e_{2,5} \lor t_{e_{1,2},e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},e_{2,3}} \vdash e_{2,5} \lor e_{2,3} \lor e_{1,2}$$

$$3406. \ e_{2,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg e_{2,6}$$

3407.
$$e_{2,5} \lor t_{e_{1,2}, e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}} \vdash e_{2,5} \lor e_{2,3} \lor e_{1,2}$$

3408.
$$e_{2,5} \lor t_{e_{1,2},e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,2},e_{2,3}} \vdash t_{e_{1,2},e_{2,3}}$$

3409.
$$e_{2,5} \lor t_{e_{1,2}, e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}} \vdash e_{2,5} \lor e_{2,3} \lor e_{1,2}$$

3410.
$$e_{2,5} \lor t_{e_{1,2},e_{2,3}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},e_{2,6}} \vdash t_{e_{1,2},e_{2,3}} \lor \neg t_{\neg e_{2,5},e_{2,6}} \lor e_{2,6}$$

3411.
$$e_{2,5} \lor t_{e_{1,2}, e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}} \vdash e_{2,5} \lor e_{2,3} \lor e_{1,2}$$

3412.
$$e_{2,5} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, e_{2,3}}$$

$$3413. \ e_{2,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,5} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{2,5}} \vdash \neg e_{1,5} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,5},\,\neg e_{2,5}}$$

3414.
$$e_{2,5} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{1,5} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}} \vdash \neg e_{1,5} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}}$$

$$3415. \ e_{2,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,5} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{2,5}} \vdash \neg e_{1,5} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,5},\,\neg e_{2,5}}$$

$$3416. \ e_{2,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,5} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{2,5}} \vdash \neg e_{1,5} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,5},\,\neg e_{2,5}}$$

3417.
$$e_{2,5} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,5}, e_{2,5}} \lor t_{e_{1,2}, e_{2,3}}$$

3418.
$$e_{2,5} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,5}, e_{2,5}} \lor t_{e_{1,2}, e_{2,3}}$$

3419.
$$e_{2,5} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,5}, e_{2,5}} \lor t_{e_{1,2}, e_{2,3}}$$

3420.
$$e_{2,5} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,5}, e_{2,5}} \lor t_{e_{1,2}, e_{2,3}}$$

$$3421. \ e_{2,5} \lor t_{e_{1,2},\,e_{2,3}}, e_{1,5} \lor \neg e_{2,5} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}}$$

$$3422. \ e_{2,5} \lor t_{e_{1,2},\,e_{2,3}}, e_{1,5} \lor \neg e_{2,5} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}}$$

3423.
$$e_{2,5} \lor t_{e_{1,2}, e_{2,3}}, e_{1,5} \lor \neg e_{2,5} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,5}, \neg e_{2,5}}$$

$$3424. \ e_{2,5} \lor t_{e_{1,2},\,e_{2,3}}, e_{1,5} \lor \neg e_{2,5} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}}$$

3425.
$$e_{2,5} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,5}, e_{2,5}}$$

3426.
$$e_{2,5} \lor t_{e_{1,2},e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,5},e_{2,5}} \vdash t_{e_{1,2},e_{2,3}} \lor t_{e_{1,5},e_{2,5}}$$

3427.
$$e_{2,5} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,5}, e_{2,5}}$$

3428.
$$e_{2,5} \lor t_{e_{1,2},e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,5},e_{2,5}} \vdash t_{e_{1,2},e_{2,3}} \lor t_{e_{1,5},e_{2,5}}$$

$$3429. \ \, \neg e_{2,6} \lor t_{e_{1,2},\,e_{2,3}}, e_{2,6} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}}$$

$$3430. \ \, \neg e_{2,6} \lor t_{e_{1,2},\,e_{2,3}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,e_{2,6}} \vdash \neg t_{e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{2,5}$$

$$3431. \ \, \neg e_{2,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \vdash t_{e_{1,2},\,e_{2,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}}$$

$$3432. \ \, \neg e_{2,6} \lor t_{e_{1,2},\,e_{2,3}}, e_{2,6} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}}$$

$$3433. \ \, \neg e_{2,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \vdash t_{e_{1,2},\,e_{2,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}}$$

$$3434. \ \, \neg e_{2,6} \lor t_{e_{1,2},\,e_{2,3}}, e_{2,6} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{\neg e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}}$$

3435.
$$\neg e_{2,6} \lor t_{e_{1,2},e_{2,3}}, e_{2,6} \lor t_{\neg e_{1,2},e_{2,3}} \vdash t_{\neg e_{1,2},e_{2,3}} \lor t_{e_{1,2},e_{2,3}}$$

3436.
$$\neg e_{2,6} \lor t_{e_{1,2},e_{2,3}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},e_{2,6}} \vdash \neg t_{e_{2,5},e_{2,6}} \lor t_{e_{1,2},e_{2,3}} \lor e_{2,5}$$

$$3437. \ \, \neg e_{2,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \vdash t_{e_{1,2},\,e_{2,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}}$$

3438.
$$\neg e_{2,6} \lor t_{e_{1,2},e_{2,3}}, e_{2,6} \lor t_{e_{1,2},\neg e_{2,3}} \vdash t_{e_{1,2},\neg e_{2,3}} \lor t_{e_{1,2},e_{2,3}}$$

3439.
$$\neg e_{2,6} \lor t_{e_{1,2}, e_{2,3}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

3440.
$$\neg e_{2,6} \lor t_{e_{1,2},e_{2,3}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},e_{2,6}} \vdash \neg t_{e_{2,5},e_{2,6}} \lor t_{e_{1,2},e_{2,3}} \lor e_{2,5}$$

3441.
$$\neg e_{2,6} \lor t_{e_{1,2},e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},e_{2,3}} \vdash e_{2,3} \lor \neg e_{2,6} \lor e_{1,2}$$

3442.
$$\neg e_{2,6} \lor t_{e_{1,2}, e_{2,3}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, e_{2,3}}$$

3443.
$$\neg e_{2,6} \lor t_{e_{1,2}, e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}} \vdash e_{2,3} \lor \neg e_{2,6} \lor e_{1,2}$$

3444.
$$\neg e_{2,6} \lor t_{e_{1,2},e_{2,3}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},e_{2,6}} \vdash \neg t_{e_{2,5},e_{2,6}} \lor t_{e_{1,2},e_{2,3}} \lor e_{2,5}$$

3445.
$$\neg e_{2,6} \lor t_{e_{1,2}, e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}} \vdash e_{2,3} \lor \neg e_{2,6} \lor e_{1,2}$$

$$3446. \ \, \neg e_{2,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \vdash t_{e_{1,2},\,e_{2,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\,e_{2,6}}$$

3447.
$$\neg e_{2,6} \lor t_{e_{1,2}, e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}} \vdash e_{2,3} \lor \neg e_{2,6} \lor e_{1,2}$$

3448.
$$\neg e_{2,6} \lor t_{e_{1,2}, e_{2,3}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, e_{2,3}}$$

3449.
$$\neg e_{2,6} \lor t_{e_{1,2}, e_{2,3}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}$$

3450.
$$\neg e_{2,6} \lor t_{e_{1,2},e_{2,3}}, e_{2,6} \lor t_{\neg e_{1,6},\neg e_{2,6}} \vdash t_{\neg e_{1,6},\neg e_{2,6}} \lor t_{e_{1,2},e_{2,3}}$$

3451.
$$\neg e_{2,6} \lor t_{e_{1,2}, e_{2,3}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}$$

3452.
$$\neg e_{2,6} \lor t_{e_{1,2},e_{2,3}}, e_{2,6} \lor t_{\neg e_{1,6},\neg e_{2,6}} \vdash t_{\neg e_{1,6},\neg e_{2,6}} \lor t_{e_{1,2},e_{2,3}}$$

$$3453. \ \, \neg e_{2,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}}$$

$$3454. \ \, \neg e_{2,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}}$$

$$3455. \ \, \neg e_{2,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}}$$

$$3456. \ \, \neg e_{2,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}}$$

3457.
$$\neg e_{2,6} \lor t_{e_{1,2}, e_{2,3}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}$$

3458.
$$\neg e_{2,6} \lor t_{e_{1,2},e_{2,3}}, e_{2,6} \lor t_{e_{1,6},\neg e_{2,6}} \vdash t_{e_{1,6},\neg e_{2,6}} \lor t_{e_{1,2},e_{2,3}}$$

3459.
$$\neg e_{2,6} \lor t_{e_{1,2}, e_{2,3}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}$$

3460.
$$\neg e_{2,6} \lor t_{e_{1,2},e_{2,3}}, e_{2,6} \lor t_{e_{1,6},\neg e_{2,6}} \vdash t_{e_{1,6},\neg e_{2,6}} \lor t_{e_{1,2},e_{2,3}}$$

$$3461. \ \, \neg e_{2,6} \lor t_{e_{1,2},\,e_{2,3}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,6}$$

$$3462. \ \, \neg e_{2,6} \lor t_{e_{1,2},\,e_{2,3}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,6}$$

3463.
$$\neg e_{2,6} \lor t_{e_{1,2},e_{2,3}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},e_{2,6}} \vdash \neg t_{e_{1,6},e_{2,6}} \lor t_{e_{1,2},e_{2,3}} \lor e_{1,6}$$

$$3464. \ \, \neg e_{2,6} \lor t_{e_{1,2},\,e_{2,3}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,6}$$

$$3465. \ e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,e_{2,6}}, \neg e_{2,4} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}}$$

$$3466. \ e_{2,4} \lor t_{e_{1,2},e_{2,3}} \lor t_{\neg e_{2,5},e_{2,6}}, \neg e_{2,4} \lor t_{\neg e_{1,2},\neg e_{2,3}} \lor t_{e_{2,5},e_{2,6}} \vdash t_{\neg e_{2,5},e_{2,6}} \lor t_{e_{1,2},e_{2,3}} \lor t_{e_{2,5},e_{2,6}} \lor t_{\neg e_{1,2},\neg e_{2,3}} \lor t_{\neg e_{1,2},\neg e_{2,3}} \lor t_{\neg e_{2,5},e_{2,6}} \lor t$$

$$3467. \ e_{2,4} \lor t_{e_{1,2},e_{2,3}} \lor t_{\neg e_{2,5},e_{2,6}}, \neg e_{2,4} \lor t_{\neg e_{1,2},e_{2,3}} \lor t_{\neg e_{2,5},e_{2,6}} \vdash t_{\neg e_{2,5},e_{2,6}} \lor t_{e_{1,2},e_{2,3}} \lor t_{\neg e_{1,2},e_{2,3}}$$

$$3468. \ e_{2,4} \lor t_{e_{1,2},e_{2,3}} \lor t_{\neg e_{2,5},e_{2,6}}, \neg e_{2,4} \lor t_{\neg e_{1,2},e_{2,3}} \lor t_{e_{2,5},\neg e_{2,6}} \vdash t_{e_{2,5},\neg e_{2,6}} \lor t_{\neg e_{2,5},e_{2,6}} \lor t_{e_{1,2},e_{2,3}} \lor t_{\neg e_{1,2},e_{2,3}} \lor t_{\neg e_{1,2},e_{2,3}} \lor t_{\neg e_{2,5},\neg e_{2,6}} \lor t_{\neg e_{2,5},e_{2,6}} \lor t$$

$$3469. \ e_{2,4} \lor t_{e_{1,2},e_{2,3}} \lor t_{\neg e_{2,5},e_{2,6}}, \neg e_{2,4} \lor t_{e_{1,2},\neg e_{2,3}} \lor t_{\neg e_{2,5},e_{2,6}} \vdash t_{\neg e_{2,5},e_{2,6}} \lor t_{e_{1,2},e_{2,3}} \lor t_{e_{1,2},\neg e_{2,3}} \lor t_{e_{1,2},e_{2,3}} \lor t_{e_{2,2},e_{2,3}} \lor t_{e_{2,2},e_{2,2}} \lor t_{$$

$$3470. \ e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,e_{2,6}}, \neg e_{2,4} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{2,5},\,\neg e_{2,6}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{2,5},\,e_{2,6}} \lor t_{\neg e_{2,5},\,e_{2,$$

$$3471. \ e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,e_{2,6}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,3} \lor e_{1,2} \lor e_{2,4}$$

$$3472. \ e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,e_{2,6}}, \neg e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e$$

$$3473. \ e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,e_{2,6}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,3} \lor e_{1,2} \lor e_{2,4}$$

$$3474. \ e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,e_{2,6}}, \neg e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}}$$

$$3475. \ e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,e_{2,6}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,3} \lor e_{1,2} \lor e_{2,4}$$

$$3476. \ e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,e_{2,6}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor e_{2,3} \lor e_{1,2} \lor e_{2,4}$$

$$3477. \ e_{2,4} \lor t_{e_{1,2},e_{2,3}} \lor t_{\neg e_{2,5},e_{2,6}}, \neg e_{1,4} \lor \neg e_{2,4} \lor \neg t_{\neg e_{1,4},\neg e_{2,4}} \vdash t_{\neg e_{2,5},e_{2,6}} \lor t_{e_{1,2},e_{2,3}} \lor \neg t_{\neg e_{1,4},\neg e_{2,4}} \lor \neg e_{1,4}, \neg e_{2,4} \lor \neg e_{2,4$$

$$3478. \ e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,e_{2,6}}, \neg e_{1,4} \lor \neg e_{2,4} \lor \neg t_{\neg e_{1,4},\,\neg e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,4},\,\neg e_{2,4}} \lor \neg e_{1,4}, \neg e_{2,4} \lor \neg$$

$$3479. \ e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,e_{2,6}}, \neg e_{1,4} \lor \neg e_{2,4} \lor \neg t_{\neg e_{1,4},\,\neg e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,4},\,\neg e_{2,4}} \lor \neg e_{1,4}, \neg e_{2,4} \lor \neg e_{2,5}, \neg e_{2,6} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,4},\,\neg e_{2,4}} \lor \neg e_{1,4}, \neg e_{2,5}, \neg e_{2,6}, \neg$$

$$3480. \ \ e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,e_{2,6}}, \neg e_{1,4} \lor \neg e_{2,4} \lor \neg t_{\neg e_{1,4},\,\neg e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,4},\,\neg e_{2,4}} \lor \neg e_{1,4}, \neg e_{1,4}, \neg e_{2,4} \lor \neg e_{2,4}, \neg e_{2,4} \lor \neg e_{2,4}, \neg e_{2,4} \lor \neg e_{2,4}, \neg e$$

$$3481. \ e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,e_{2,6}}, \neg e_{2,4} \lor t_{\neg e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,4},\,e_{2,4}}$$

3482.
$$e_{2,4} \lor t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}}, \neg e_{2,4} \lor t_{\neg e_{1,4}, e_{2,4}} \vdash t_{\neg e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,4}, e_{2,4}}$$

$$3483. \ e_{2,4} \lor t_{e_{1,2},e_{2,3}} \lor t_{\neg e_{2,5},e_{2,6}}, \neg e_{2,4} \lor t_{\neg e_{1,4},e_{2,4}} \vdash t_{\neg e_{2,5},e_{2,6}} \lor t_{e_{1,2},e_{2,3}} \lor t_{\neg e_{1,4},e_{2,4}}$$

$$3484. \ e_{2,4} \lor t_{e_{1,2},e_{2,3}} \lor t_{\neg e_{2,5},e_{2,6}}, \neg e_{2,4} \lor t_{\neg e_{1,4},e_{2,4}} \vdash t_{\neg e_{2,5},e_{2,6}} \lor t_{e_{1,2},e_{2,3}} \lor t_{\neg e_{1,4},e_{2,4}}$$

$$3485. \ e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,e_{2,6}}, e_{1,4} \lor \neg e_{2,4} \lor \neg t_{e_{1,4},\,\neg e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,\neg e_{2,4}} \lor e_{1,4}$$

$$3486. \ \ e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,e_{2,6}}, e_{1,4} \lor \neg e_{2,4} \lor \neg t_{e_{1,4},\,\neg e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,\neg e_{2,4}} \lor e_{1,4}$$

$$3487. \ e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,e_{2,6}}, e_{1,4} \lor \neg e_{2,4} \lor \neg t_{e_{1,4},\,\neg e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,\neg e_{2,4}} \lor e_{1,4}$$

$$3488. \ \ e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,e_{2,6}}, e_{1,4} \lor \neg e_{2,4} \lor \neg t_{e_{1,4},\,\neg e_{2,4}} \vdash t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,\neg e_{2,4}} \lor e_{1,4}$$

$$3489. \ e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,e_{2,6}}, \neg e_{2,4} \lor t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,4},\,e_{2,4}} \lor t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}}$$

$$3490. \ e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,e_{2,6}}, \neg e_{2,4} \lor t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,4},\,e_{2,4}} \lor t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}}$$

$$3491. \ e_{2,4} \lor t_{e_{1,2},e_{2,3}} \lor t_{\neg e_{2,5},e_{2,6}}, \neg e_{2,4} \lor t_{e_{1,4},e_{2,4}} \vdash t_{e_{1,4},e_{2,4}} \lor t_{\neg e_{2,5},e_{2,6}} \lor t_{e_{1,2},e_{2,3}}$$

3492.
$$e_{2,4} \lor t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{2,5}, e_{2,6}}, \neg e_{2,4} \lor t_{e_{1,4}, e_{2,4}} \vdash t_{e_{1,4}, e_{2,4}} \lor t_{\neg e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}$$

$$3493. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, \, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \, e_{1,3}} \vdash \neg t_{e_{1,2}, \, e_{2,3}} \lor t_{e_{1,2}, \, e_{1,3}} \lor e_{2,3}$$

3494.
$$e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, e_{1,3}} \lor e_{2,3}$$

3495.
$$e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, e_{1,3}} \lor e_{2,3}$$

$$3496. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2},\,e_{1,3}} \vdash \neg t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,3}$$

$$3497. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, \, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, \, e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2}, \, \neg e_{1,3}}$$

3498.
$$e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

3499.
$$e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$3500. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, \, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, \, e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2}, \, \neg e_{1,3}}$$

$$3501. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, \neg e_{1,2} \lor e_{1,3} \lor \neg t_{\neg e_{1,2},\,e_{1,3}} \vdash \neg t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,3} \lor e_{2,3}$$

$$3502. \ \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, \, e_{2,3}}, \neg e_{1,2} \lor e_{1,3} \lor \neg t_{\neg e_{1,2}, \, e_{1,3}} \vdash \neg t_{e_{1,2}, \, e_{2,3}} \lor \neg t_{\neg e_{1,2}, \, e_{1,3}} \lor e_{1,3} \lor e_{2,3}$$

$$3503. \ \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, \neg e_{1,2} \lor e_{1,3} \lor \neg t_{\neg e_{1,2},\,e_{1,3}} \vdash \neg t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,3} \lor e_{2,3}$$

$$3504. \ \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\, e_{2,3}}, \neg e_{1,2} \lor e_{1,3} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \vdash \neg t_{e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \lor e_{1,3} \lor e_{2,3}$$

$$3505. \ \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, \, e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, \, e_{2,3}} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor e_{2,3}$$

$$3506. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2},\neg e_{1,3}} \vdash \neg t_{e_{1,2},e_{2,3}} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2},\neg e_{1,3}} \lor e_{2,3}$$

$$3507. \ \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, \, e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, \, e_{2,3}} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor e_{2,3}$$

$$3508. \ \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \vdash \neg t_{e_{1,2},\,e_{2,3}} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$3509. \ \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor e_{2,3}$$

$$3510. \ \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, \, e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash \neg t_{e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,2}$$

$$3511. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, \, e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \vdash \neg t_{e_{1,2}, \, e_{2,3}} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{2,3}$$

3512.
$$e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}$$

$$3513. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,3}$$

$$3514. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,2}$$

$$3515. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, \, e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \vdash \neg t_{e_{1,2}, \, e_{2,3}} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{2,3}$$

3516.
$$e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}$$

$$3517. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, \, e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \, e_{2,3}} \lor \neg t_{e_{1,2}, \, \neg e_{2,3}} \lor e_{1,2}$$

$$3518. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, \, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \, e_{2,3}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor e_{2,3}$$

$$3519. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2},\neg e_{2,3}} \vdash \neg t_{e_{1,2},e_{2,3}} \lor \neg t_{e_{1,2},\neg e_{2,3}} \lor e_{1,2}$$

$$3520. \ \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, \, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \, e_{2,3}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor e_{2,3}$$

$$3521. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \vdash \neg t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,2}$$

$$3522. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash \neg t_{e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,3}$$

$$3523. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \vdash \neg t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,2}$$

$$3524. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash \neg t_{e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,3}$$

3525.
$$e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, e_{2,5} \lor t_{e_{1,2}, e_{2,3}} \vdash e_{2,5} \lor e_{2,3} \lor e_{1,2}$$

3526.
$$e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash e_{2,3} \lor e_{1,2} \lor e_{2,6}$$

$$3527. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, \neg e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \vdash \neg e_{2,4} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{2,3} \lor e_{1,2}$$

3528.
$$e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg e_{2,5} \lor e_{2,3} \lor e_{1,2}$$

3529.
$$e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash e_{2,3} \lor \neg e_{2,6} \lor e_{1,2}$$

$$3530. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, \neg e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \vdash \neg e_{2,4} \lor t_{e_{2,5},\,e_{2,6}} \lor e_{2,3} \lor e_{1,2}$$

3531.
$$e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, e_{2,5} \lor t_{e_{1,2}, e_{2,3}} \vdash e_{2,5} \lor e_{2,3} \lor e_{1,2}$$

3532.
$$e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash e_{2,3} \lor \neg e_{2,6} \lor e_{1,2}$$

$$3533. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, \, e_{2,3}}, e_{2,4} \lor t_{e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{2,5}, \, e_{2,6}} \vdash t_{\neg e_{2,5}, \, e_{2,6}} \lor e_{2,3} \lor e_{1,2} \lor e_{2,4}$$

3534.
$$e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg e_{2,5} \lor e_{2,3} \lor e_{1,2}$$

3535.
$$e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash e_{2,3} \lor e_{1,2} \lor e_{2,6}$$

$$3536. \ \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, \, e_{2,3}}, e_{2,4} \lor t_{e_{1,2}, \, e_{2,3}} \lor t_{e_{2,5}, \, \neg e_{2,6}} \vdash t_{e_{2,5}, \, \neg e_{2,6}} \lor e_{2,3} \lor e_{1,2} \lor e_{2,4}$$

$$3537. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, \, e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, \, e_{2,3}} \lor \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor e_{1,2}$$

$$3538. \ \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor e_{1,2}$$

$$3539. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, \, e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, \, e_{2,3}} \lor \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor e_{1,2}$$

$$3540. \ \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor e_{1,2}$$

$$3541. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3},\,e_{2,3}} \vdash \neg t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor e_{1,2}$$

$$3542. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3},e_{2,3}} \vdash \neg t_{e_{1,2},e_{2,3}} \lor t_{\neg e_{1,3},e_{2,3}} \lor e_{1,2}$$

3543.
$$e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,2}$$

$$3544. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3},\,e_{2,3}} \vdash \neg t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor e_{1,2}$$

$$3545. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, e_{1,3} \lor \neg e_{2,3} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \vdash \neg t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$3546. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, e_{1,3} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$3547. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, e_{1,3} \lor \neg e_{2,3} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \vdash \neg t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$3548. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, e_{1,3} \lor \neg e_{2,3} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \vdash \neg t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

3549.
$$e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,3}, e_{2,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,3}, e_{2,3}} \lor e_{1,2}$$

$$3550. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,3},\,e_{2,3}} \vdash \neg t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}$$

$$3551. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,3},\,e_{2,3}} \vdash \neg t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}$$

$$3552. \ e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,3},\,e_{2,3}} \vdash \neg t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}$$

$$3553. \ \, \neg e_{1,2} \lor t_{e_{1,2},\,e_{2,3}}, e_{1,2} \lor e_{1,3} \lor \neg t_{e_{1,2},\,e_{1,3}} \vdash \neg t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}$$

$$3554. \ \, \neg e_{1,2} \lor t_{e_{1,2},\,e_{2,3}}, e_{1,2} \lor e_{1,3} \lor \neg t_{e_{1,2},\,e_{1,3}} \vdash \neg t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}$$

3555.
$$\neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}}, e_{1,2} \lor e_{1,3} \lor \neg t_{e_{1,2}, e_{1,3}} \vdash \neg t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,3}$$

3556.
$$\neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}}, e_{1,2} \lor e_{1,3} \lor \neg t_{e_{1,2}, e_{1,3}} \vdash \neg t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,3}$$

3557.
$$\neg e_{1,2} \lor t_{e_{1,2},e_{2,3}}, e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,2},\neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2},\neg e_{1,3}} \lor t_{e_{1,2},e_{2,3}}$$

$$3558. \ \, \neg e_{1,2} \lor t_{e_{1,2},\,e_{2,3}}, e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}}$$

$$3559. \ \, \neg e_{1,2} \lor t_{e_{1,2},\,e_{2,3}}, e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}}$$

3560.
$$\neg e_{1,2} \lor t_{e_{1,2},e_{2,3}}, e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,2},\neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2},\neg e_{1,3}} \lor t_{e_{1,2},e_{2,3}}$$

3561.
$$\neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, e_{2,3}}$$

3562.
$$\neg e_{1,2} \lor t_{e_{1,2},e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2},e_{1,3}} \vdash t_{\neg e_{1,2},e_{1,3}} \lor t_{e_{1,2},e_{2,3}}$$

3563.
$$\neg e_{1,2} \lor t_{e_{1,2},e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2},e_{1,3}} \vdash t_{\neg e_{1,2},e_{1,3}} \lor t_{e_{1,2},e_{2,3}}$$

3564.
$$\neg e_{1,2} \lor t_{e_{1,2},e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2},e_{1,3}} \vdash t_{\neg e_{1,2},e_{1,3}} \lor t_{e_{1,2},e_{2,3}}$$

3565.
$$\neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, e_{2,3}}$$

3566.
$$\neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, e_{2,3}}$$

3567.
$$\neg e_{1,2} \lor t_{e_{1,2},e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2},\neg e_{1,3}} \vdash t_{\neg e_{1,2},\neg e_{1,3}} \lor t_{e_{1,2},e_{2,3}}$$

3568.
$$\neg e_{1,2} \lor t_{e_{1,2},e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2},\neg e_{1,3}} \vdash t_{\neg e_{1,2},\neg e_{1,3}} \lor t_{e_{1,2},e_{2,3}}$$

$$3569. \ \, \neg e_{1,2} \lor t_{e_{1,2},\,e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \vdash t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}}$$

3570.
$$\neg e_{1,2} \lor t_{e_{1,2},e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2},\neg e_{2,3}} \vdash t_{\neg e_{1,2},\neg e_{2,3}} \lor t_{e_{1,2},e_{2,3}}$$

3571.
$$\neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

3572.
$$\neg e_{1,2} \lor t_{e_{1,2},e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2},\neg e_{2,3}} \vdash t_{\neg e_{1,2},\neg e_{2,3}} \lor t_{e_{1,2},e_{2,3}}$$

3573.
$$\neg e_{1,2} \lor t_{e_{1,2},e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2},e_{2,3}} \vdash t_{\neg e_{1,2},e_{2,3}} \lor t_{e_{1,2},e_{2,3}}$$

3574.
$$\neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

3575.
$$\neg e_{1,2} \lor t_{e_{1,2},e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2},e_{2,3}} \vdash t_{\neg e_{1,2},e_{2,3}} \lor t_{e_{1,2},e_{2,3}}$$

3576.
$$\neg e_{1,2} \lor t_{e_{1,2},e_{2,3}}, e_{1,2} \lor t_{\neg e_{1,2},e_{2,3}} \vdash t_{\neg e_{1,2},e_{2,3}} \lor t_{e_{1,2},e_{2,3}}$$

3577.
$$\neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}}$$

3578.
$$\neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}}$$

$$3579. \ \, \neg e_{1,2} \lor t_{e_{1,2},\,e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{2,3},\,e_{2,3}} \lor \neg e_{2,3} \lor \neg$$

3580.
$$\neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}}$$

3581.
$$\neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

3582.
$$\neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

$$3583. \ \, \neg e_{2,3} \lor t_{e_{1,2},\, e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}}$$

3584.
$$\neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

$$3585. \ \, \neg e_{2,3} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg e_{1,2} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}}$$

$$3586. \ \, \neg e_{2,3} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg e_{1,2} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}}$$

3587.
$$\neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}}$$

$$3588. \ \, \neg e_{2,3} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg e_{1,2} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}}$$

3589.
$$\neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

3590.
$$\neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

3591.
$$\neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

$$3592. \ \, \neg e_{2,3} \lor t_{e_{1,2},\,e_{2,3}}, e_{2,3} \lor t_{e_{1,2},\,\neg e_{2,3}} \vdash t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}}$$

3593.
$$\neg e_{2,3} \lor t_{e_{1,2},e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,3},\neg e_{2,3}} \vdash t_{\neg e_{1,3},\neg e_{2,3}} \lor t_{e_{1,2},e_{2,3}}$$

3594.
$$\neg e_{2,3} \lor t_{e_{1,2},e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,3},\neg e_{2,3}} \vdash t_{\neg e_{1,3},\neg e_{2,3}} \lor t_{e_{1,2},e_{2,3}}$$

$$3595. \ \, \neg e_{2,3} \lor t_{e_{1,2},\,e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,3},\,\neg e_{2,3}} \vdash t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}}$$

3596.
$$\neg e_{2,3} \lor t_{e_{1,2},e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,3},\neg e_{2,3}} \vdash t_{\neg e_{1,3},\neg e_{2,3}} \lor t_{e_{1,2},e_{2,3}}$$

$$3597. \ \, \neg e_{2,3} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\,e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_$$

3598.
$$\neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

$$3599. \ \neg e_{2,3} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\,e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}}$$

3600.
$$\neg e_{2,3} \lor t_{e_{1,2},e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3},e_{2,3}} \lor t_{e_{1,2},e_{2,3}}$$

3601.
$$\neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

3602.
$$\neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

3603.
$$\neg e_{2,3} \lor t_{e_{1,2},e_{2,3}}, e_{2,3} \lor t_{e_{1,3},\neg e_{2,3}} \vdash t_{e_{1,3},\neg e_{2,3}} \lor t_{e_{1,2},e_{2,3}}$$

3604.
$$\neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}}, e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

3605.
$$\neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}}, e_{1,3} \lor e_{2,3} \lor \neg t_{e_{1,3}, e_{2,3}} \vdash t_{e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3}$$

3606.
$$\neg e_{2,3} \lor t_{e_{1,2},e_{2,3}}, e_{1,3} \lor e_{2,3} \lor \neg t_{e_{1,3},e_{2,3}} \vdash t_{e_{1,2},e_{2,3}} \lor \neg t_{e_{1,3},e_{2,3}} \lor e_{1,3}$$

3607.
$$\neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}}, e_{1,3} \lor e_{2,3} \lor \neg t_{e_{1,3}, e_{2,3}} \vdash t_{e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3}$$

$$3608. \ \, \neg e_{2,3} \lor t_{e_{1,2},\,e_{2,3}}, e_{1,3} \lor e_{2,3} \lor \neg t_{e_{1,3},\,e_{2,3}} \vdash t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3}$$

$$3609. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e_{2,$$

$$3610. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$3611. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg t_{e_{2,5}, e_{2,6}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor e_{2,6}$$

$$3612. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,6} \lor \neg t_{e_{2,6}, \neg e_{2,6}}, \neg e_{2,6} \lor \neg t_{e_{2,$$

$$3613. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$3614. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$3615. \ \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,4} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,5}, \neg e_{2,6}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{2,5} \lor \neg e_{2,6} \lor e_{2,4}$$

$$3616. \ \ e_{2,5} \lor \lnot e_{2,6} \lor \lnot t_{e_{2,5}, \lnot e_{2,6}}, \lnot e_{2,5} \lor t_{\lnot e_{1,2}, e_{2,3}} \vdash t_{\lnot e_{1,2}, e_{2,3}} \lor \lnot e_{2,6} \lor \lnot t_{e_{2,5}, \lnot e_{2,6}}, \lnot e_{2,6} \lor \lnot t_{e_{2,5}$$

$$3617. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$3618. \ \ e_{2,5} \lor \lnot e_{2,6} \lor \lnot t_{e_{2,5}, \lnot e_{2,6}}, \lnot e_{2,4} \lor t_{\lnot e_{1,2}, e_{2,3}} \lor t_{e_{2,5}, \lnot e_{2,6}} \vdash \lnot e_{2,4} \lor e_{2,5} \lor t_{\lnot e_{1,2}, e_{2,3}} \lor \lnot e_{2,6}$$

$$3619. \ \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e_{$$

$$3620. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$3621. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg t_{e_{2,5}, e_{2,6}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$3622. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$3623. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$3624. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$3625. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,4} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,5}, \neg e_{2,6}} \vdash \neg e_{2,4} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,5} \lor \neg e_{2,6}$$

$$3626. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e_{2,$$

3627.
$$e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$3628. \ \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg t_{e_{2,5}, e_{2,6}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor \neg t_{e_{2,6}, \neg e_{2,6}}, e_{2,$$

$$3629. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \, \neg e_{2,6}}, \neg e_{2,5} \lor t_{e_{1,2}, \, \neg e_{2,3}} \vdash t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \, \neg e_{2,6}}$$

$$3630. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e_{2,$$

$$3631. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, e_{2,3}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor e_{2,5} \lor$$

$$3632. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg t_{e_{2,5}, e_{2,6}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$3633. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$3634. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$3635. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, e_{2,3}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$3636. \ \ e_{2,5} \lor \lnot e_{2,6} \lor \lnot t_{e_{2,5}, \lnot e_{2,6}}, e_{2,4} \lor t_{e_{1,2}, e_{2,3}} \lor t_{e_{2,5}, \lnot e_{2,6}} \vdash t_{e_{1,2}, e_{2,3}} \lor e_{2,5} \lor \lnot e_{2,6} \lor e_{2,4} \lor e_{2,4} \lor e_{2,5} \lor \lnot e_{2,6} \lor e$$

$$3637. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{1,5} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e_{2,$$

$$3638. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{1,5} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e_{2,$$

$$3639. \ \ e_{2,5} \lor \lnot e_{2,6} \lor \lnot t_{e_{2,5}, \lnot e_{2,6}}, \lnot e_{1,5} \lor \lnot e_{2,5} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{2,5}} \vdash \lnot e_{1,5} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{2,5}} \lor \lnot e_{2,6} \lor \lnot t_{e_{2,5}, \lnot e_{2,6}} \lor \lnot t_{e_{2,5}, \lnot e$$

$$3640. \ \ e_{2,5} \lor \lnot e_{2,6} \lor \lnot t_{e_{2,5}, \lnot e_{2,6}}, \lnot e_{1,5} \lor \lnot e_{2,5} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{2,5}} \vdash \lnot e_{1,5} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{2,5}} \lor \lnot e_{2,6} \lor \lnot t_{e_{2,5}, \lnot e_{2,6}} \lor \lnot t_{e_{2,5}, \lnot e$$

$$3641. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \, \neg e_{2,6}}, \neg e_{2,5} \lor t_{\neg e_{1,5}, \, e_{2,5}} \vdash \neg e_{2,6} \lor t_{\neg e_{1,5}, \, e_{2,5}} \lor \neg t_{e_{2,5}, \, \neg e_{2,6}}$$

$$3642. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \, \neg e_{2,6}}, \neg e_{2,5} \lor t_{\neg e_{1,5}, \, e_{2,5}} \vdash \neg e_{2,6} \lor t_{\neg e_{1,5}, \, e_{2,5}} \lor \neg t_{e_{2,5}, \, \neg e_{2,6}}$$

$$3643. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \, \neg e_{2,6}}, \neg e_{2,5} \lor t_{\neg e_{1,5}, \, e_{2,5}} \vdash \neg e_{2,6} \lor t_{\neg e_{1,5}, \, e_{2,5}} \lor \neg t_{e_{2,5}, \, \neg e_{2,6}}$$

$$3644. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash \neg e_{2,6} \lor t_{\neg e_{1,5}, e_{2,5}} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$3645. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{1,5} \lor \neg e_{2,5} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor$$

$$3646. \ \ e_{2,5} \lor \lnot e_{2,6} \lor \lnot t_{e_{2,5},\lnot e_{2,6}}, e_{1,5} \lor \lnot e_{2,5} \lor \lnot t_{e_{1,5},\lnot e_{2,5}} \vdash e_{1,5} \lor \lnot t_{e_{1,5},\lnot e_{2,5}} \lor \lnot e_{2,6} \lor \lnot t_{e_{2,5},\lnot e_{2,6}} \lor t_{e_{2,5},\lnot e_{2,6}} \lor \lnot t_{e_{2,5},\lnot e_{2,6}} \lor t_{e_{2$$

$$3647. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{1,5} \lor \neg e_{2,5} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor$$

$$3648. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{1,5} \lor \neg e_{2,5} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor$$

$$3649. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{e_{1,5}, e_{2,5}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$3650. \ \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \, \neg e_{2,6}}, \neg e_{2,5} \lor t_{e_{1,5}, \, e_{2,5}} \vdash t_{e_{1,5}, \, e_{2,5}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \, \neg e_{2,6}}$$

$$3651. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{e_{1,5}, e_{2,5}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$3652. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,5} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{e_{1,5}, e_{2,5}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$3653. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash e_{2,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$3654. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash e_{2,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$3655. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash e_{2,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$3656. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash e_{2,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$3657. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor$$

$$3658. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}$$

$$3659. \ \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$3660. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor$$

3661.
$$e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$3662. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$3663. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$3664. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$3665. \ \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$3666. \ \ e_{2,5} \lor \lnot e_{2,6} \lor \lnot t_{e_{2,5}, \lnot e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \lnot t_{e_{1,6}, e_{2,6}} \vdash \lnot t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \lnot t_{e_{2,5}, \lnot e_{2,6}}, e_{2,6} \lor e_{2,6} \lor$$

$$3667. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor \neg t_{e_{2,6}, \neg e_{2,6}}, e_{2,6}$$

$$3668. \ e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor \neg t_{e_{2,5}, \neg e_{2,6}}, e_{2,6} \lor \neg t_{e_{2,6}, \neg e_{2,6}}, e_{2,6} \lor$$

3669.
$$\neg e_{2,5} \lor t_{e_{1,2}, e_{2,3}}, e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

$$3670. \ \, \neg e_{2,5} \lor t_{e_{1,2},\,e_{2,3}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,e_{2,6}} \vdash \neg t_{e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{2,6}$$

3671.
$$\neg e_{2,5} \lor t_{e_{1,2},e_{2,3}}, e_{2,5} \lor t_{\neg e_{1,2},\neg e_{2,3}} \vdash t_{\neg e_{1,2},\neg e_{2,3}} \lor t_{e_{1,2},e_{2,3}}$$

$$3672. \ \, \neg e_{2,5} \lor t_{e_{1,2},\,e_{2,3}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash t_{e_{1,2},\,e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

3673.
$$\neg e_{2,5} \lor t_{e_{1,2}, e_{2,3}}, e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

$$3674. \ \, \neg e_{2,5} \lor t_{e_{1,2},\,e_{2,3}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash t_{e_{1,2},\,e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

3675.
$$\neg e_{2,5} \lor t_{e_{1,2}, e_{2,3}}, e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

3676.
$$\neg e_{2,5} \lor t_{e_{1,2}, e_{2,3}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg t_{e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{2,6}$$

3677.
$$\neg e_{2,5} \lor t_{e_{1,2},e_{2,3}}, e_{2,5} \lor t_{e_{1,2},\neg e_{2,3}} \vdash t_{e_{1,2},\neg e_{2,3}} \lor t_{e_{1,2},e_{2,3}}$$

3678.
$$\neg e_{2,5} \lor t_{e_{1,2},e_{2,3}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\neg e_{2,6}} \vdash t_{e_{1,2},e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\neg e_{2,6}}$$

3679.
$$\neg e_{2,5} \lor t_{e_{1,2}, e_{2,3}}, e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

3680.
$$\neg e_{2,5} \lor t_{e_{1,2},e_{2,3}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},e_{2,6}} \vdash \neg t_{e_{2,5},e_{2,6}} \lor t_{e_{1,2},e_{2,3}} \lor e_{2,6}$$

3681.
$$\neg e_{2,5} \lor t_{e_{1,2}, e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}} \vdash \neg e_{2,5} \lor e_{2,3} \lor e_{1,2}$$

3682.
$$\neg e_{2,5} \lor t_{e_{1,2}, e_{2,3}}, e_{2,5} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, e_{2,3}}$$

3683.
$$\neg e_{2,5} \lor t_{e_{1,2}, e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}} \vdash \neg e_{2,5} \lor e_{2,3} \lor e_{1,2}$$

3684.
$$\neg e_{2,5} \lor t_{e_{1,2},e_{2,3}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},e_{2,6}} \vdash \neg t_{e_{2,5},e_{2,6}} \lor t_{e_{1,2},e_{2,3}} \lor e_{2,6}$$

$$3685. \ \, \neg e_{2,5} \lor t_{e_{1,2},\,e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}} \vdash \neg e_{2,5} \lor e_{2,3} \lor e_{1,2}$$

3686.
$$\neg e_{2,5} \lor t_{e_{1,2},e_{2,3}}, e_{2,5} \lor t_{e_{1,2},e_{2,3}} \vdash t_{e_{1,2},e_{2,3}}$$

3687.
$$\neg e_{2,5} \lor t_{e_{1,2},e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},e_{2,3}} \vdash \neg e_{2,5} \lor e_{2,3} \lor e_{1,2}$$

3688.
$$\neg e_{2,5} \lor t_{e_{1,2}, e_{2,3}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash t_{e_{1,2}, e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

3689.
$$\neg e_{2,5} \lor t_{e_{1,2}, e_{2,3}}, e_{2,5} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, e_{2,3}}$$

3690.
$$\neg e_{2,5} \lor t_{e_{1,2}, e_{2,3}}, e_{2,5} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, e_{2,3}}$$

$$3691. \ \, \neg e_{2,5} \lor t_{e_{1,2},\,e_{2,3}}, e_{2,5} \lor t_{\neg e_{1,5},\,\neg e_{2,5}} \vdash t_{\neg e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,2},\,e_{2,3}}$$

3692.
$$\neg e_{2,5} \lor t_{e_{1,2}, e_{2,3}}, e_{2,5} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, e_{2,3}}$$

$$3693. \ \, \neg e_{2,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,5} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,e_{2,5}} \vdash \neg e_{1,5} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,5},\,e_{2,5}}$$

3694.
$$\neg e_{2,5} \lor t_{e_{1,2},e_{2,3}}, \neg e_{1,5} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},e_{2,5}} \vdash \neg e_{1,5} \lor t_{e_{1,2},e_{2,3}} \lor \neg t_{\neg e_{1,5},e_{2,5}}$$

$$3695. \ \, \neg e_{2,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,5} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,e_{2,5}} \vdash \neg e_{1,5} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,5},\,e_{2,5}}$$

$$3696. \ \, \neg e_{2,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,5} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,e_{2,5}} \vdash \neg e_{1,5} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,5},\,e_{2,5}}$$

3697.
$$\neg e_{2,5} \lor t_{e_{1,2},e_{2,3}}, e_{2,5} \lor t_{e_{1,5},\neg e_{2,5}} \vdash t_{e_{1,5},\neg e_{2,5}} \lor t_{e_{1,2},e_{2,3}}$$

3698.
$$\neg e_{2,5} \lor t_{e_{1,2},e_{2,3}}, e_{2,5} \lor t_{e_{1,5},\neg e_{2,5}} \vdash t_{e_{1,5},\neg e_{2,5}} \lor t_{e_{1,2},e_{2,3}}$$

3699.
$$\neg e_{2,5} \lor t_{e_{1,2},e_{2,3}}, e_{2,5} \lor t_{e_{1,5},\neg e_{2,5}} \vdash t_{e_{1,5},\neg e_{2,5}} \lor t_{e_{1,2},e_{2,3}}$$

$$3700. \ \, \neg e_{2,5} \lor t_{e_{1,2},\,e_{2,3}}, e_{2,5} \lor t_{e_{1,5},\,\neg e_{2,5}} \vdash t_{e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,2},\,e_{2,3}}$$

3701.
$$\neg e_{2,5} \lor t_{e_{1,2},e_{2,3}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5},e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2},e_{2,3}} \lor \neg t_{e_{1,5},e_{2,5}}$$

3702.
$$\neg e_{2,5} \lor t_{e_{1,2},e_{2,3}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5},e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2},e_{2,3}} \lor \neg t_{e_{1,5},e_{2,5}}$$

3703.
$$\neg e_{2,5} \lor t_{e_{1,2}, e_{2,3}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,5}, e_{2,5}}$$

3704.
$$\neg e_{2,5} \lor t_{e_{1,2},e_{2,3}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5},e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2},e_{2,3}} \lor \neg t_{e_{1,5},e_{2,5}}$$

3705.
$$e_{2,6} \lor t_{e_{1,2},e_{2,3}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5},\neg e_{2,6}} \vdash \neg t_{\neg e_{2,5},\neg e_{2,6}} \lor t_{e_{1,2},e_{2,3}} \lor \neg e_{2,5}$$

3706.
$$e_{2,6} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

3707.
$$e_{2,6} \lor t_{e_{1,2},e_{2,3}}, \neg e_{2,6} \lor t_{\neg e_{1,2},\neg e_{2,3}} \vdash t_{\neg e_{1,2},\neg e_{2,3}} \lor t_{e_{1,2},e_{2,3}}$$

3708.
$$e_{2,6} \lor t_{e_{1,2},e_{2,3}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\neg e_{2,6}} \vdash t_{e_{1,2},e_{2,3}} \lor e_{2,5} \lor \neg t_{e_{2,5},\neg e_{2,6}}$$

3709.
$$e_{2,6} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

3710.
$$e_{2,6} \lor t_{e_{1,2}, e_{2,3}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash t_{e_{1,2}, e_{2,3}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

3711.
$$e_{2,6} \lor t_{e_{1,2},e_{2,3}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5},\neg e_{2,6}} \vdash \neg t_{\neg e_{2,5},\neg e_{2,6}} \lor t_{e_{1,2},e_{2,3}} \lor \neg e_{2,5}$$

3712.
$$e_{2,6} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

3713.
$$e_{2,6} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

3714.
$$e_{2,6} \lor t_{e_{1,2}, e_{2,3}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash t_{e_{1,2}, e_{2,3}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

3715.
$$e_{2,6} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor \neg e_{2,5}$$

3716.
$$e_{2,6} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

3717.
$$e_{2,6} \lor t_{e_{1,2},e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},e_{2,3}} \vdash e_{2,3} \lor e_{1,2} \lor e_{2,6}$$

$$3718. \ e_{2,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \vdash \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg e_{2,5}$$

3719.
$$e_{2,6} \lor t_{e_{1,2},\,e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}} \vdash e_{2,3} \lor e_{1,2} \lor e_{2,6}$$

3720.
$$e_{2,6} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, e_{2,3}}$$

3721.
$$e_{2,6} \lor t_{e_{1,2},\,e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}} \vdash e_{2,3} \lor e_{1,2} \lor e_{2,6}$$

3722.
$$e_{2,6} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, e_{2,3}}$$

3723.
$$e_{2,6} \lor t_{e_{1,2}, e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}} \vdash e_{2,3} \lor e_{1,2} \lor e_{2,6}$$

$$3724. \ e_{2,6} \lor t_{e_{1,2},\,e_{2,3}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash t_{e_{1,2},\,e_{2,3}} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$3725. \ e_{2,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6},\,\neg e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,6},\,\neg e_{2,6}}$$

$$3726. \ e_{2,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6},\,\neg e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,6},\,\neg e_{2,6}}$$

$$3727. \ e_{2,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6},\,\neg e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,6},\,\neg e_{2,6}}$$

$$3728. \ e_{2,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6},\,\neg e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,6},\,\neg e_{2,6}}$$

3729.
$$e_{2,6} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}$$

3730.
$$e_{2,6} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}$$

3731.
$$e_{2,6} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}$$

3732.
$$e_{2,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{2,6} \lor t_{\neg e_{1,6},\,e_{2,6}} \vdash t_{\neg e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}}$$

3733.
$$e_{2,6} \lor t_{e_{1,2},e_{2,3}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6},\neg e_{2,6}} \vdash \neg t_{e_{1,6},\neg e_{2,6}} \lor t_{e_{1,2},e_{2,3}} \lor e_{1,6}$$

3734.
$$e_{2,6} \lor t_{e_{1,2},e_{2,3}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6},\neg e_{2,6}} \vdash \neg t_{e_{1,6},\neg e_{2,6}} \lor t_{e_{1,2},e_{2,3}} \lor e_{1,6}$$

3735.
$$e_{2,6} \lor t_{e_{1,2},e_{2,3}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6},\neg e_{2,6}} \vdash \neg t_{e_{1,6},\neg e_{2,6}} \lor t_{e_{1,2},e_{2,3}} \lor e_{1,6}$$

$$3736. \ e_{2,6} \lor t_{e_{1,2},\,e_{2,3}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \vdash \neg t_{e_{1,6},\,\neg e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,6}$$

3737.
$$e_{2,6} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}$$

3738.
$$e_{2,6} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}$$

3739.
$$e_{2,6} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}$$

3740.
$$e_{2,6} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}$$

$$3741. \ e_{2,4} \lor t_{e_{1,2},e_{2,3}} \lor t_{e_{2,5},\neg e_{2,6}}, \neg e_{2,4} \lor t_{\neg e_{1,2},\neg e_{2,3}} \lor t_{\neg e_{2,5},\neg e_{2,6}} \vdash t_{e_{2,5},\neg e_{2,6}} \lor t_{e_{1,2},e_{2,3}} \lor t_{\neg e_{1,2},\neg e_{2,3}} \lor t_{\neg e_{2,5},\neg e_{2,6}} \lor$$

$$3742. \ e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,\neg e_{2,6}}, \neg e_{2,4} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,4},\,e_{2,5}} \lor t_{\neg e_{2,5},\,e_{2,6}} \lor t_{\neg e_{2,5},\,e_{2,$$

$$3743. \ e_{2,4} \lor t_{e_{1,2},e_{2,3}} \lor t_{e_{2,5},\neg e_{2,6}}, \neg e_{2,4} \lor t_{\neg e_{1,2},e_{2,3}} \lor t_{\neg e_{2,5},e_{2,6}} \vdash t_{e_{2,5},\neg e_{2,6}} \lor t_{e_{1,2},e_{2,3}} \lor t_{\neg e_{2,5},e_{2,6}} \lor t_{\neg e_{1,2},e_{2,3}} \lor t_{\neg e_{1,2},e_{2,3}} \lor t_{\neg e_{1,2},e_{2,3}} \lor t_{\neg e_{2,5},e_{2,6}} \lor t_{\neg e_{1,2},e_{2,3}} \lor t_{\neg e_{2,5},e_{2,6}} \lor t_{$$

$$3744. \ e_{2,4} \lor t_{e_{1,2},e_{2,3}} \lor t_{e_{2,5},\neg e_{2,6}}, \neg e_{2,4} \lor t_{\neg e_{1,2},e_{2,3}} \lor t_{e_{2,5},\neg e_{2,6}} \vdash t_{e_{2,5},\neg e_{2,6}} \lor t_{e_{1,2},e_{2,3}} \lor t_{\neg e_{1,2},e_{2,3}} \lor t_{$$

$$3745. \ e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,\neg e_{2,6}}, \neg e_{2,4} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,e_{2,6}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{2,5},\,e_{2,6}} \lor t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{2,5},\,\neg e_{2,$$

$$3746. \ \ e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,\neg e_{2,6}}, \neg e_{2,4} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{2,5},\,\neg e_{2,6}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{2,5},\,\neg e_{$$

$$3747. \ e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,\neg e_{2,6}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{2,3} \lor e_{1,2} \lor e_{2,4}$$

$$3748. \ e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,\neg e_{2,6}}, \neg e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e$$

$$3749. \ \ e_{2,4} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{e_{2,5},\, \neg e_{2,6}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\, e_{2,3}} \vdash t_{e_{2,5},\, \neg e_{2,6}} \lor e_{2,3} \lor e_{1,2} \lor e_{2,4}$$

$$3750. \ e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,\neg e_{2,6}}, \neg e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,e_{2,6}}$$

$$3751. \ e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,\neg e_{2,6}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{2,3} \lor e_{1,2} \lor e_{2,4}$$

$$3752. \ e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,\neg e_{2,6}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\,e_{2,3}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor e_{2,3} \lor e_{1,2} \lor e_{2,4}$$

$$3753. \ e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,\neg e_{2,6}}, \neg e_{1,4} \lor \neg e_{2,4} \lor \neg t_{\neg e_{1,4},\,\neg e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,4},\,\neg e_{2,4}} \lor \neg e_{1,4}, \neg e_{2,4} \lor \neg$$

$$3754. \ e_{2,4} \lor t_{e_{1,2},e_{2,3}} \lor t_{e_{2,5},\neg e_{2,6}}, \neg e_{1,4} \lor \neg e_{2,4} \lor \neg t_{\neg e_{1,4},\neg e_{2,4}} \vdash t_{e_{2,5},\neg e_{2,6}} \lor t_{e_{1,2},e_{2,3}} \lor \neg t_{\neg e_{1,4},\neg e_{2,4}} \lor \neg e_{1,4}, \neg e_{2,4} \lor \neg e_{2,4$$

$$3755. \ e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,\neg e_{2,6}}, \neg e_{1,4} \lor \neg e_{2,4} \lor \neg t_{\neg e_{1,4},\,\neg e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,4},\,\neg e_{2,4}} \lor \neg e_{1,4}, \neg e_{2,4} \lor \neg$$

$$3756. \ \ e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,\neg e_{2,6}}, \neg e_{1,4} \lor \neg e_{2,4} \lor \neg t_{\neg e_{1,4},\,\neg e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,4},\,\neg e_{2,4}} \lor \neg e_{1,4}, \neg e_{2,4} \lor \neg e_{2,4} \lor$$

$$3757. \ e_{2,4} \lor t_{e_{1,2},e_{2,3}} \lor t_{e_{2,5},\neg e_{2,6}}, \neg e_{2,4} \lor t_{\neg e_{1,4},e_{2,4}} \vdash t_{e_{2,5},\neg e_{2,6}} \lor t_{e_{1,2},e_{2,3}} \lor t_{\neg e_{1,4},e_{2,4}}$$

$$3758. \ e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,\neg e_{2,6}}, \neg e_{2,4} \lor t_{\neg e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,4},\,e_{2,4}} \lor t_{\neg e_{1,4},\,e_{2,$$

$$3759. \ e_{2,4} \lor t_{e_{1,2},e_{2,3}} \lor t_{e_{2,5},\neg e_{2,6}}, \neg e_{2,4} \lor t_{\neg e_{1,4},e_{2,4}} \vdash t_{e_{2,5},\neg e_{2,6}} \lor t_{e_{1,2},e_{2,3}} \lor t_{\neg e_{1,4},e_{2,4}}$$

$$3760. \ e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,\neg e_{2,6}}, \neg e_{2,4} \lor t_{\neg e_{1,4},\,e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,4},\,e_{2,4}}$$

$$3761. \ \ e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,\neg e_{2,6}}, e_{1,4} \lor \neg e_{2,4} \lor \neg t_{e_{1,4},\,\neg e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,\neg e_{2,4}} \lor e_{1,4} \lor e_{1,4}, e_{1,4} \lor$$

$$3762. \ e_{2,4} \lor t_{e_{1,2}, \, e_{2,3}} \lor t_{e_{2,5}, \, \neg e_{2,6}}, e_{1,4} \lor \neg e_{2,4} \lor \neg t_{e_{1,4}, \, \neg e_{2,4}} \vdash t_{e_{2,5}, \, \neg e_{2,6}} \lor t_{e_{1,2}, \, e_{2,3}} \lor \neg t_{e_{1,4}, \, \neg e_{2,4}} \lor e_{1,4} \lor e_{$$

$$3763. \ \ e_{2,4} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{e_{2,5},\, \neg e_{2,6}}, e_{1,4} \lor \neg e_{2,4} \lor \neg t_{e_{1,4},\, \neg e_{2,4}} \vdash t_{e_{2,5},\, \neg e_{2,6}} \lor t_{e_{1,2},\, e_{2,3}} \lor \neg t_{e_{1,4},\, \neg e_{2,4}} \lor e_{1,4}$$

$$3764. \ \ e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,\neg e_{2,6}}, e_{1,4} \lor \neg e_{2,4} \lor \neg t_{e_{1,4},\,\neg e_{2,4}} \vdash t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,4},\,\neg e_{2,4}} \lor e_{1,4}$$

$$3765. \ e_{2,4} \lor t_{e_{1,2},e_{2,3}} \lor t_{e_{2,5},\neg e_{2,6}}, \neg e_{2,4} \lor t_{e_{1,4},e_{2,4}} \vdash t_{e_{1,4},e_{2,4}} \lor t_{e_{2,5},\neg e_{2,6}} \lor t_{e_{1,2},e_{2,3}}$$

$$3766. \ \ e_{2,4} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{e_{2,5},\, \neg e_{2,6}}, \neg e_{2,4} \lor t_{e_{1,4},\, e_{2,4}} \vdash t_{e_{1,4},\, e_{2,4}} \lor t_{e_{2,5},\, \neg e_{2,6}} \lor t_{e_{1,2},\, e_{2,3}}$$

$$3767. \ e_{2,4} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{2,5},\,\neg e_{2,6}}, \neg e_{2,4} \lor t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,4},\,e_{2,4}} \lor t_{e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}}$$

$$3768. \ e_{2,4} \lor t_{e_{1,2},e_{2,3}} \lor t_{e_{2,5},\neg e_{2,6}}, \neg e_{2,4} \lor t_{e_{1,4},e_{2,4}} \vdash t_{e_{1,4},e_{2,4}} \lor t_{e_{2,5},\neg e_{2,6}} \lor t_{e_{1,2},e_{2,3}}$$

$$3769. \ \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,2} \lor e_{1,3} \lor \neg t_{e_{1,2}, e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, e_{1,3}} \lor e_{1,2}$$

$$3770. \ \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,2} \lor e_{1,3} \lor \neg t_{e_{1,2}, e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, e_{1,3}} \lor e_{1,2}$$

$$3771. \ \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,2} \lor e_{1,3} \lor \neg t_{e_{1,2}, e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, e_{1,3}} \lor e_{1,2}$$

$$3772. \ \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,2} \lor e_{1,3} \lor \neg t_{e_{1,2}, e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, e_{1,3}} \lor e_{1,2}$$

$$3773. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$3774. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$3775. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$3776. \ \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$3777. \ \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \lor e_{1,3} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \lor \neg e_{2,3} \lor \neg e_{2,4} \lor \neg e_{2,$$

$$3778. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \lor e_{1,3} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \lor \neg e_{2,3} \lor \neg e_{2,4} \lor \neg e_$$

$$3779. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \vee e_{1,3} \vee \neg t_{\neg e_{1,2}, e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vee \neg e_{1,2} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,2}, e_{1,3}} \vee \neg e_{2,3} \vee \neg e_{2,4} \vee \neg e_$$

$$3780. \ \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \lor e_{1,3} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \lor \neg e_{2,3} \lor \neg e_{2,4} \lor \neg e_{2,$$

$$3781. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$3782. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$3783. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \vee t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vee \neg e_{2,3} \vee t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$3784. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$3785. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{2,3} \vee t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$3786. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$3787. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$3788. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$3789. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{1,2} \lor \neg e_{1,2} \lor \neg e_{1,2} \lor \neg e_{1,3} \lor \neg e_$$

$$3790. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{1,2} \lor \neg e_{1,2} \lor \neg e_{1,2} \lor \neg e_{1,3} \lor \neg e_$$

$$3791. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \vee e_{2,3} \vee \neg t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{1,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vee \neg e_{1,2} \vee \neg t_{\neg e_{1,2}, e_{2,3}}$$

$$3792. \ \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{2,3} \lor \neg e_{2,4} \lor \neg e_{2,$$

$$3793. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{2,3} \vee t_{e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vee t_{e_{1,2}, \neg e_{2,3}} \vee t_{e_$$

$$3794. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3}, \, \neg e_{2,3}}, e_{2,3} \vee t_{e_{1,2}, \, \neg e_{2,3}} \vdash \neg e_{1,3} \vee \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \vee t_{e_{1,2}, \, \neg e_{2,3}}$$

$$3795. \ \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$3796. \ \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$3797. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3},\, \neg e_{2,3}}, e_{1,2} \vee e_{2,3} \vee \neg t_{e_{1,2},\, e_{2,3}} \vdash \neg e_{1,3} \vee \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \vee \neg t_{e_{1,2},\, e_{2,3}} \vee e_{1,2}$$

$$3798. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, e_{2,3}} \lor e_{1,2} \lor e_{1,2} \lor e_{2,3} \lor e_{1,2} \lor e_{2,3} \lor$$

$$3799. \ \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, e_{2,3}} \lor e_{1,2} \lor e_{$$

$$3800. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,2} \vee e_{2,3} \vee \neg t_{e_{1,2}, e_{2,3}} \vdash \neg e_{1,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vee \neg t_{e_{1,2}, e_{2,3}} \vee e_{1,2}$$

$$3801. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,5} \vee t_{\neg e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,3} \vee e_{3,5} \vee \neg e_{2,3}$$

$$3802. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,6} \vee t_{\neg e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,3} \vee \neg e_{2,3} \vee e_{3,6}$$

$$3803. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,4} \vee t_{\neg e_{1,3}, \neg e_{2,3}} \vee t_{\neg e_{3,5}, \neg e_{3,6}} \vdash \neg e_{1,3} \vee \neg e_{3,4} \vee \neg e_{2,3} \vee t_{\neg e_{3,5}, \neg e_{3,6}} \vee e_{3,5} \vee e_{3,6} \vee e_$$

$$3804. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3},\, \neg e_{2,3}}, \neg e_{3,5} \vee t_{\neg e_{1,3},\, \neg e_{2,3}} \vdash \neg e_{1,3} \vee \neg e_{2,3} \vee \neg e_{3,5}$$

$$3805. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,6} \vee t_{\neg e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,3} \vee \neg e_{3,6} \vee \neg e_{2,3}$$

$$3806. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{3,5}, e_{3,6}} \vdash \neg e_{1,3} \lor \neg e_{3,4} \lor t_{e_{3,5}, e_{3,6}} \lor \neg e_{2,3}$$

3807.
$$\neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor e_{3,5} \lor \neg e_{2,3}$$

$$3808. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,6} \vee t_{\neg e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,3} \vee \neg e_{3,6} \vee \neg e_{2,3}$$

$$3809. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \, \neg e_{2,3}}, e_{3,4} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor t_{\neg e_{3,5}, \, e_{3,6}} \vdash \neg e_{1,3} \lor \neg e_{2,3} \lor t_{\neg e_{3,5}, \, e_{3,6}} \lor e_{3,4}$$

$$3810. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3}, \, \neg e_{2,3}}, \neg e_{3,5} \vee t_{\neg e_{1,3}, \, \neg e_{2,3}} \vdash \neg e_{1,3} \vee \neg e_{2,3} \vee \neg e_{3,5}$$

$$3811. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3}, \, \neg e_{2,3}}, e_{3,6} \vee t_{\neg e_{1,3}, \, \neg e_{2,3}} \vdash \neg e_{1,3} \vee \neg e_{2,3} \vee e_{3,6}$$

$$3812. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{3,5}, \neg e_{3,6}} \vdash \neg e_{1,3} \lor \neg e_{2,3} \lor e_{3,4} \lor t_{e_{3,5}, \neg e_{3,6}} \lor e_{3,4} \lor e_{3,5}, e_{3,6} \lor e$$

$$3813. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \lor \neg$$

$$3814. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$3815. \ \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \lor \neg t_$$

$$3816. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$3817. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \lor \neg$$

$$3818. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$3819. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \lor \neg$$

$$3820. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$3821. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \, \neg e_{2,3}}, e_{1,3} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg e_{2,3$$

$$3822. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_$$

$$3823. \ \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_$$

$$3824. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_$$

$$3825. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \lor \neg$$

$$3826. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_$$

$$3827. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \lor \neg$$

$$3828. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{2,3} \vee t_{e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vee t_{e_{1,3}, \neg e_{2,3}} \vee t_{e_$$

3829.
$$e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}}$$

3830.
$$e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}}$$

3831.
$$e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}}$$

3832.
$$e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}}$$

$$3833. \ e_{1,3} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}}, e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,2}, \, \neg e_{1,3}} \vdash t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor \neg t_{e_{1,2}, \, \neg e_{1,3}} \lor e_{1,2}$$

$$3834. \ e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{1,2}$$

$$3835. \ e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{1,2}$$

$$3836. \ e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{1,2}$$

3837.
$$e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{1,3}}$$

3838.
$$e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{1,3}}$$

3839.
$$e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{1,3}}$$

3840.
$$e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{1,3}}$$

$$3841. \ e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$3842. \ e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$3843. \ e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$3844. \ e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$3845. \ e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3}$$

$$3846. \ e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3}$$

$$3847. \ e_{1,3} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor \neg e_{2,3} \lor$$

$$3848. \ e_{1,3} \vee t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vee t_{\neg e_{1,3}, \neg e_{2,3}} \vee \neg e_{2,3} \vee \neg e_{2,$$

$$3849. \ e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \lor e_{2,3}$$

$$3850. \ e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \lor e_{2,3}$$

$$3851. \ e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \lor e_{2,3}$$

$$3852. \ e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \lor e_{2,3}$$

3853.
$$e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}}$$

3854.
$$e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}}$$

$$3855. \ e_{1,3} \lor t_{\lnot e_{1,3},\,\lnot e_{2,3}}, \lnot e_{1,3} \lor t_{e_{1,3},\,\lnot e_{2,3}} \vdash t_{\lnot e_{1,3},\,\lnot e_{2,3}} \lor t_{e_{1,3},\,\lnot e_{2,3}}$$

$$3856. \ e_{1,3} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,3}, \, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor t_{e_{1,3}, \, \neg e_{2,3}}$$

3857.
$$e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, e_{2,3}}$$

3858.
$$e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, e_{2,3}}$$

3859.
$$e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, e_{2,3}}$$

3860.
$$e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, e_{2,3}}$$

3861.
$$e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$3862. \ e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \neg e_{2,$$

$$3863. \ e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \neg e_{2,$$

$$3864. \ e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \neg e_{2,$$

3865.
$$e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}}$$

3866.
$$e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}}$$

$$3867. \ e_{2,3} \lor t_{\lnot e_{1,3}, \lnot e_{2,3}}, \lnot e_{2,3} \lor t_{\lnot e_{1,2}, \, e_{2,3}} \vdash t_{\lnot e_{1,2}, \, e_{2,3}} \lor t_{\lnot e_{1,3}, \, \lnot e_{2,3}}$$

3868.
$$e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}}$$

3869.
$$e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$3870. \ e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$3871. \ e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$3872. \ e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

3873.
$$e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

3874.
$$e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

3875.
$$e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

3876.
$$e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

$$3877. \ e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}}$$

$$3878. \ e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, \neg$$

$$3879. \ e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, \neg$$

$$3880. \ e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, \neg$$

$$3881. \ e_{2,3} \lor t_{\lnot e_{1,3}, \lnot e_{2,3}}, \lnot e_{2,3} \lor t_{\lnot e_{1,3}, e_{2,3}} \vdash t_{\lnot e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,3}, e_{2,3}}$$

$$3882. \ e_{2,3} \lor t_{\neg e_{1,3},\, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3},\, e_{2,3}} \vdash t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}}$$

3883.
$$e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

3884.
$$e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$3885. \ e_{2,3} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}}, e_{1,3} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor \neg t_{e_{1,3}, \, \neg e_{2,3}} \lor e_{1,3}$$

$$3886. \ \ e_{2,3} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}}, e_{1,3} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor \neg t_{e_{1,3}, \, \neg e_{2,3}} \lor e_{1,3}$$

$$3887. \ e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}$$

$$3888. \ e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}$$

$$3889. \ e_{2,3} \lor t_{\lnot e_{1,3}, \lnot e_{2,3}}, \lnot e_{2,3} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{e_{1,3}, e_{2,3}} \lor t_{\lnot e_{1,3}, \lnot e_{2,3}}$$

3890.
$$e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}}$$

3891.
$$e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}}$$

3892.
$$e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}}$$

$$3893. \ \, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash \neg e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,6} \lor t_{\neg e_{3,5}, \neg e_{3,6}} \lor t_{\neg$$

$$3894. \ \, \neg e_{3,5} \vee \neg e_{3,6} \vee \neg t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,6} \vee t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \vee \neg t_{\neg e_{3,5}, \neg e_{3,6}} \vee \neg e_{3,5} \vee \neg e_$$

$$3895. \ \, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}}, \neg e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, \neg e_{3,6}} \vdash \neg e_{3,6} \lor \neg e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{3,5}$$

$$3896. \ \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5}, e_{3,6}} \vdash \neg t_{\neg e_{3,5}, \neg e_{3,6}} \lor \neg t_{\neg e_{3,5}, e_{3,6}} \lor \neg t_{\neg e_{3,5},$$

$$3897. \ \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash \neg e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,6} \lor t_{\neg e_{3,5}, \neg e_{3,6}} \lor t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,6} \lor t_{\neg e_{3,6}, \neg e_{3,6}}, e_{3,6} \lor t_{\neg e_$$

$$3898. \ \, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5}, \neg e_{3,6}} \vdash \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \lor \neg t_{e_{3,5}, \neg e_{3,6}} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \lor \neg t_{\neg e_{3,6}} \lor \neg t_{\neg e_{3,6}, \neg e$$

$$3899. \ \, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \lor \neg e_{3,5}$$

$$3900. \ \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5}, e_{3,6}} \vdash \neg t_{\neg e_{3,5}, \neg e_{3,6}} \lor \neg t_{\neg e_{3,5}, e_{3,6}} \lor \neg t_{\neg e_{3,5},$$

$$3901. \ \, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,5} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$3902. \ \, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5}, \neg e_{3,6}} \vdash \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \lor \neg t_{e_{3,5}, \neg e_{3,6}} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \lor \neg t_{\neg e_{3,6}} \lor \neg t_{\neg e_{3,6}, \neg e$$

$$3903. \ \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,6} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash \neg t_{\neg e_{3,5}, \neg e_{3,6}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor \neg e_{3,5}$$

3904.
$$\neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,5} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$3905. \ \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,6} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash \neg t_{\neg e_{3,5}, \neg e_{3,6}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor \neg e_{3,5}$$

$$3906. \ \, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,4} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{\neg e_{3,5}, \neg e_{3,6}} \vdash \neg e_{3,6} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{3,4} \lor \neg e_{3,5}$$

$$3907. \ \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5}, e_{3,6}} \vdash \neg t_{\neg e_{3,5}, \neg e_{3,6}} \lor \neg t_{\neg e_{3,5}, e_{3,6}} \lor \neg t_{\neg e_{3,5},$$

$$3908. \ \, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \, \neg e_{3,6}}, e_{3,5} \lor t_{e_{1,3}, \, \neg e_{2,3}} \vdash \neg e_{3,6} \lor t_{e_{1,3}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5}, \, \neg e_{3,6}}, e_{3,6} \lor t_{e_{1,3}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5}, \, \neg e_{3,6}}, e_{3,6} \lor t_{e_{1,3}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5}, \, \neg e_{3,6}}, e_{3,6} \lor t_{e_{1,3}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5}, \, \neg e_{3,6}}, e_{3,6} \lor t_{e_{1,3}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5}, \, \neg e_{3,6}}, e_{3,5} \lor t_{e_{1,3}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5}, \, \neg e_{3,6}}, e_{3,5} \lor t_{e_{1,3}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5}, \, \neg e_{3,6}}, e_{3,5} \lor t_{e_{3,5}, \, \neg e_{3,6}}, e_{3,5} \lor t_{e_{3,5}, \, \neg e_{3,6}} \lor t_{e_{3,5}, \, \neg e_{3,$$

$$3909. \ \, \neg e_{3,5} \vee \neg e_{3,6} \vee \neg t_{\neg e_{3,5}, \, \neg e_{3,6}}, e_{3,5} \vee \neg e_{3,6} \vee \neg t_{e_{3,5}, \, \neg e_{3,6}} \vdash \neg e_{3,6} \vee \neg t_{\neg e_{3,5}, \, \neg e_{3,6}} \vee \neg t_{e_{3,5}, \, \neg e_{3,6}} \vee$$

$$3910. \ \, \neg e_{3,5} \vee \neg e_{3,6} \vee \neg t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,6} \vee t_{e_{1,3}, \neg e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \vee \neg t_{\neg e_{3,5}, \neg e_{3,6}} \vee \neg e_{3,5}$$

$$3911. \ \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,5} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash \neg e_{3,6} \lor t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,6} \lor t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,6} \lor t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,6} \lor t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,6} \lor t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,6} \lor t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,6} \lor t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,6} \lor t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,6} \lor t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{3,6}, \neg e_{3,6}}, e_{3,6} \lor t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{3,6}, \neg e_{3,6}}, e_{3,6} \lor t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{3,6}, \neg e_{3,6}}, e_{3,6} \lor t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{3,6}, \neg e_{3,6}}, e_{3,6} \lor t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{3,6}, \neg e_{3,6}}, e_{3,6} \lor t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{3,6}, \neg e_{3,6}}, e_{3,6} \lor t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{3,6}, \neg e_{3,6}}, e_{3,6} \lor t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{3,6}, \neg e_{3,6}}, e_{3,6} \lor t_{e_{3,6}, \neg$$

$$3912. \ \, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,6} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \lor \neg e_{3,5}$$

$$3913. \ \, \neg e_{3,5} \vee \neg e_{3,6} \vee \neg t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,4} \vee t_{e_{1,3}, \neg e_{2,3}} \vee t_{\neg e_{3,5}, \neg e_{3,6}} \vdash \neg e_{3,6} \vee t_{e_{1,3}, \neg e_{2,3}} \vee e_{3,4} \vee \neg e_{3,5}$$

$$3914. \ \, \neg e_{3,5} \vee \neg e_{3,6} \vee \neg t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,5} \vee t_{e_{1,3}, \, e_{2,3}} \vdash \neg e_{3,6} \vee \neg t_{\neg e_{3,5}, \, \neg e_{3,6}} \vee t_{e_{1,3}, \, e_{2,3}}$$

$$3915. \ \, \neg e_{3,5} \vee \neg e_{3,6} \vee \neg t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,6} \vee t_{e_{1,3}, e_{2,3}} \vdash \neg t_{\neg e_{3,5}, \neg e_{3,6}} \vee t_{e_{1,3}, e_{2,3}} \vee \neg e_{3,5}$$

$$3916. \ \, \neg e_{3,5} \vee \neg e_{3,6} \vee \neg t_{\neg e_{3,5}, \neg e_{3,6}}, \neg e_{3,4} \vee t_{e_{1,3}, \, e_{2,3}} \vee t_{\neg e_{3,5}, \, \neg e_{3,6}} \vdash \neg e_{3,6} \vee \neg e_{3,4} \vee t_{e_{1,3}, \, e_{2,3}} \vee \neg e_{3,5} \vee \neg e_{3,5} \vee \neg e_{3,6} \vee \neg e_{3$$

$$3917. \ \, \neg e_{3,5} \vee \neg e_{3,6} \vee \neg t_{\neg e_{3,5}, \neg e_{3,6}}, \neg e_{3,5} \vee e_{3,6} \vee \neg t_{\neg e_{3,5}, e_{3,6}} \vdash \neg t_{\neg e_{3,5}, \neg e_{3,6}} \vee \neg t_{\neg e_{3,5}, e_{3,6}} \vee \neg t_{\neg e_{3,5$$

$$3918. \ \, \neg e_{3,5} \vee \neg e_{3,6} \vee \neg t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,5} \vee t_{e_{1,3}, \, e_{2,3}} \vdash \neg e_{3,6} \vee \neg t_{\neg e_{3,5}, \neg e_{3,6}} \vee t_{e_{1,3}, \, e_{2,3}}$$

$$3919. \ \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5}, \neg e_{3,6}} \vdash \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \lor \neg t_{e_{3,5}, \neg e_{3,6}} \lor \neg t_$$

$$3920. \ \, \neg e_{3,5} \vee \neg e_{3,6} \vee \neg t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,6} \vee t_{e_{1,3}, \, e_{2,3}} \vdash \neg t_{\neg e_{3,5}, \, \neg e_{3,6}} \vee t_{e_{1,3}, \, e_{2,3}} \vee \neg e_{3,5}$$

$$3921. \ \, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,5} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{4,5}, e_{5,6}} \vdash \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{4,5}, e_{5,6}} \lor \neg e_{3,6} \lor \neg$$

$$3922. \ \, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,5} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{e_{4,5}, \neg e_{5,6}} \vdash \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{e_{4,5}, \neg e_{5,6}} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{e_{4,5}, \neg e_{5,6}} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \lor \neg t_{$$

$$3923. \ \, \neg e_{3,5} \vee \neg e_{3,6} \vee \neg t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,5} \vee t_{\neg e_{1,5}, e_{2,5}} \vee t_{\neg e_{4,5}, \neg e_{5,6}} \vdash \neg e_{3,6} \vee \neg t_{\neg e_{3,5}, \neg e_{3,6}} \vee t_{\neg e_{4,5}, \neg e_{5,6}} \vee t_{\neg e_{1,5}, e_{2,5}} \vee t_{\neg e_{1,5}, e_{2,5}} \vee t_{\neg e_{3,6}, e_{3,6}} \vee t$$

$$3924. \ \, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,5} \lor t_{\neg e_{1,5}, \, e_{2,5}} \lor t_{e_{4,5}, \, e_{5,6}} \vdash \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \lor t_{e_{4,5}, \, e_{5,6}} \lor t_{\neg e_{1,5}, \, e_{2,5}}$$

$$3925. \ \, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,5} \lor t_{e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{4,5}, \neg e_{5,6}} \vdash \neg e_{3,6} \lor t_{e_{1,5}, \neg e_{2,5}} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \lor t_{\neg e_{4,5}, \neg e_{5,6}} \lor t_{\neg e_{4,5}, \neg e$$

$$3926. \ \, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,5} \lor t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{4,5}, e_{5,6}} \vdash \neg e_{3,6} \lor t_{e_{1,5}, \neg e_{2,5}} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \lor t_{e_{4,5}, e_{5,6}} \lor t_{e_{4,5}, e_{5,$$

$$3927. \ \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,5} \lor t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{4,5}, e_{5,6}} \vdash \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \lor t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{4,5}, e_{5,6}}$$

$$3928. \ \, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,5} \lor t_{e_{1,5}, e_{2,5}} \lor t_{e_{4,5}, \neg e_{5,6}} \vdash \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \lor t_{e_{1,5}, e_{2,5}} \lor t_{e_{4,5}, \neg e_{5,6}} \lor t_{e_{4,5$$

$$3929. \ \, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}} \vdash t_{\neg e_{4,6}, e_{5,6}} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \lor \neg e_{3,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{3,6}, e_{3,6}} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \lor t_{\neg e_{3,6}, e_$$

$$3930. \ \, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \vdash \neg t_{\neg e_{3,5}, \neg e_{3,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \lor \neg e_{3,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{3,6}, \neg e_{3,6}} \lor t_{\neg e_{3,6}, \neg e$$

$$3931. \ \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg e_{3,5}$$

$$3932. \ \, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{4,6}, e_{5,6}} \vdash t_{e_{4,6}, e_{5,6}} \lor t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \lor \neg e_{3,5}$$

$$3933. \ \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \vdash \neg t_{\neg e_{3,5}, \neg e_{3,6}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \tau_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg e_{3,5}$$

$$3934. \ \, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, e_{5,6}} \vdash t_{e_{4,6}, e_{5,6}} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{3,5}$$

$$3935. \ \, \neg e_{3,5} \vee \neg e_{3,6} \vee \neg t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,6} \vee t_{e_{1,6}, \, e_{2,6}} \vee t_{\neg e_{4,6}, \, e_{5,6}} \vdash t_{\neg e_{4,6}, \, e_{5,6}} \vee \neg t_{\neg e_{3,5}, \, \neg e_{3,6}} \vee \neg e_{3,5} \vee t_{e_{1,6}, \, e_{2,6}} \vee \tau_{e_{3,6}, \, e_{3,6}} \vee$$

$$3936. \ \, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,6} \lor t_{e_{1,6}, e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \vdash \neg t_{\neg e_{3,5}, \neg e_{3,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \lor \neg e_{3,5} \lor t_{e_{1,6}, e_{2,6}} \lor \neg e_{3,6} \lor t_{e_{4,6}, \neg e_{5,6}} \lor \neg e_{3,6} \lor \neg e_{3,6} \lor t_{e_{4,6}, \neg e_{5,6}} \lor \neg e_{3,6} \lor \neg e_{3,6} \lor t_{e_{4,6}, \neg e_{5,6}} \lor \neg e_{3,6} \lor t_{e_{4,6}, \neg e_{5,6}}$$

$$3937. \ e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \vdash \neg e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \lor \neg t_{\neg e_{3,6}, \neg e_{3,6}} \lor \neg t_{\neg e_{3,6}} \lor \neg t_{\neg e_{3,6}, \neg e_{3,6}} \lor \neg t_{$$

3938.
$$e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}}$$

3939.
$$e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5}, e_{3,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5}, e_{3,6}} \lor e_{3,6}$$

3940.
$$e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}}$$

$$3941. \ e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5}, \, e_{3,6}} \vdash t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5}, \, e_{3,6}} \lor e_{3,6}$$

3942.
$$e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,5} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$3943. \ e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \vdash \neg e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}}$$

3944.
$$e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,5} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$3945. \ e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5}, e_{3,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5}, e_{3,6}} \lor e_{3,6}$$

3946.
$$e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,5} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}}$$

$$3947. \ e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \vdash \neg e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}}$$

$$3948. \ e_{3,5} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}}, \neg e_{3,5} \lor t_{e_{1,3}, \, \neg e_{2,3}} \vdash t_{e_{1,3}, \, \neg e_{2,3}} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}}$$

$$3949. \ e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \vdash \neg e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \lor \neg t_{\neg e_{3,6}, \neg e_{3,6}} \lor \neg t_{\neg e_{3,6}} \lor \neg t_{\neg e_{3,6}, \neg e_{3,6}} \lor \neg t_{$$

3950.
$$e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,5} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}}$$

$$3951. \ e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5}, e_{3,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5}, e_{3,6}} \lor e_{3,6}$$

$$3952. \ e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,5} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}}$$

$$3953. \ e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,5} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{4,5}, \neg e_{5,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{4,5}, \neg e_{5,6}}$$

$$3954. \ e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,5} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{e_{4,5}, e_{5,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{e_{4,5}, e_{5,6}}$$

$$3955. \ e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,5} \lor t_{\neg e_{1,5}, e_{2,5}} \lor t_{\neg e_{4,5}, e_{5,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{4,5}, e_{5,6}} \lor t_{\neg e_{1,5}, e_{2,5}}$$

$$3956. \ \ e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,5} \lor t_{\neg e_{1,5}, \, e_{2,5}} \lor t_{e_{4,5}, \, \neg e_{5,6}} \vdash t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor t_{e_{4,5}, \, \neg e_{5,6}} \lor t_{\neg e_{1,5}, \, e_{2,5}}$$

$$3957. \ e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,5} \lor t_{e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{4,5}, e_{5,6}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{4,5}, e_{5,6}}$$

$$3958. \ e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,5} \lor t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{4,5}, \neg e_{5,6}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{4,5}, \neg e_{5,6}}$$

$$3959. \ e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,5} \lor t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{4,5}, \neg e_{5,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{4,5}, \neg e_{5,6}}$$

$$3960. \ e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,5} \lor t_{e_{1,5}, e_{2,5}} \lor t_{e_{4,5}, e_{5,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,5}, e_{2,5}} \lor t_{e_{4,5}, e_{5,6}}$$

$$3961. \ e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \lor \neg e_{3,5}$$

3962.
$$e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}}$$

3963.
$$e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}}$$

$$3964. \ e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5}, \neg e_{3,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor e_{3,5} \lor \neg t_{e_{3,5}, \neg e_{3,6}}$$

3965.
$$e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,6} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$3966. \ e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5}, \neg e_{3,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor e_{3,5} \lor \neg t_{e_{3,5}, \neg e_{3,6}}$$

$$3967. \ e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \lor \neg e_{3,5}$$

$$3968. \ \ e_{3,6} \lor t_{\lnot e_{1,3}, \lnot e_{2,3}}, \lnot e_{3,6} \lor t_{\lnot e_{1,3}, e_{2,3}} \vdash t_{\lnot e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,3}, e_{2,3}}$$

3969.
$$e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,6} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}}$$

$$3970. \ e_{3,6} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}}, e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5}, \, \neg e_{3,6}} \vdash t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor e_{3,5} \lor \neg t_{e_{3,5}, \, \neg e_{3,6}}$$

$$3971. \ e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \lor \neg e_{3,5}$$

$$3972. \ e_{3,6} \lor t_{\lnot e_{1,3}, \lnot e_{2,3}}, \lnot e_{3,6} \lor t_{e_{1,3}, \lnot e_{2,3}} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,3}, \lnot e_{2,3}}$$

$$3973. \ e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \lor \neg e_{3,5}$$

3974.
$$e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,6} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, e_{2,3}}$$

3975.
$$e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,6} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, e_{2,3}}$$

$$3976. \ e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5}, \neg e_{3,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor e_{3,5} \lor \neg t_{e_{3,5}, \neg e_{3,6}}$$

$$3977. \ e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$3978. \ e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, e_{5,6}} \vdash t_{e_{4,6}, e_{5,6}} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$3979. \ e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{4,6}, e_{5,6}}$$

$$3980. \ e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{4,6}, \neg e_{5,6}}$$

$$3981. \ e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{4,6}, e_{5,6}} \lor t_{e_{1,6}, \neg e_{2,6}}$$

$$3982. \ e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}}$$

$$3983. \ e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,6} \lor t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}}$$

$$3984. \ e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,6} \lor t_{e_{1,6}, e_{2,6}} \lor t_{e_{4,6}, e_{5,6}} \vdash t_{e_{4,6}, e_{5,6}} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,$$

$$3985. \ \neg e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, e_{3,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, \neg e_{3,6}} \lor t_{\neg e_{3,5}, e_{3,6}} \lor t_{\neg$$

$$3986. \ \neg e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{3,5}, \neg e_{3,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, \neg e_{3,6}} \lor t_{e_{3,5}, \neg e_{3,6}} \lor t_{e_{3,5}, \neg e_{3,6}} \lor t_{\neg e_{3,5}, \neg e_{3,6}$$

$$3987. \ \neg e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,4} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{\neg e_{3,5}, \neg e_{3,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{\neg e_{3,5}, \neg e_{3,6}}$$

$$3988. \ \, \neg e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,4} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{3,5}, e_{3,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{3,5}, e_{3,6}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,6} \lor t_{\neg e_{3,5}, \neg e_{3,6}} \lor t_{\neg e_{3,5}, \neg e$$

$$3989. \ \, \neg e_{3,4} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor t_{\neg e_{3,5}, \, \neg e_{3,6}}, e_{3,4} \lor t_{e_{1,3}, \, \neg e_{2,3}} \lor t_{\neg e_{3,5}, \, \neg e_{3,6}} \vdash t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor t_{e_{1,3}, \, \neg e_{2,3}} \lor t_{\neg e_{3,5}, \, \neg e_{3,6}} \lor t_{\neg e_{3,5}, \,$$

$$3990. \ \, \neg e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,4} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{3,5}, e_{3,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{3,5}, e_{3,6}} \lor t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,6} \lor t_{\neg e_{3,5}, \neg e_{3,6}} \lor t_{\neg e_{3,5}, \neg e$$

$$3991. \ \, \neg e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,4} \lor t_{e_{1,3}, e_{2,3}} \lor t_{\neg e_{3,5}, e_{3,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, \neg e_{3,6}} \lor t_{\neg e_{3,5}, e_{3,6}} \lor t_{e_{1,3}, e_{2,3}} \lor t_{\neg e_{3,5}, \neg e_{3,6}} \lor t_{\neg e_{3,5}, e_{3,6}} \lor t_{\neg e$$

$$3992. \ \, \neg e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,4} \lor t_{e_{1,3}, e_{2,3}} \lor t_{e_{3,5}, \neg e_{3,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, \neg e_{3,6}} \lor t_{e_{1,3}, e_{2,3}} \lor t_{e_{3,5}, \neg e_{3,6}}, e_{3,6} \lor e_{3,6}, e_{3,6} \lor e_{3,6} \lor e_{3,6}, e_{3,6} \lor e_{3,6} \lor e_{3,6}, e_{3,6} \lor e_{3,6} \lor$$

$$3993. \ \, \neg e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,4} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{4,5}, e_{4,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, \neg e_{3,6}} \lor t_{\neg e_{4,5}, e_{4,6}} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{4,5}, e_{4,6}} \lor$$

$$3994. \ \, \neg e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,4} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \lor t_{e_{4,5}, \neg e_{4,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{4,5}, \neg e_{4,6}} \lor t_{\neg e_{3,5}, \neg e_{3,6}} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{1,4}, \neg e_$$

$$3995. \ \, \neg e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,4} \lor t_{\neg e_{1,4}, e_{2,4}} \lor t_{\neg e_{4,5}, \neg e_{4,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, \neg e_{3,6}} \lor t_{\neg e_{4,5}, \neg e_{4,6}} \lor t_{\neg e_{1,4}, e_{2,4}} \lor t_{\neg e_{1,4}, e_{2,4}} \lor t_{\neg e_{4,5}, \neg e_{4,6}} \lor t_{\neg e_{4,5}, \neg e_{4$$

$$3996. \ \, \neg e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,4} \lor t_{\neg e_{1,4}, e_{2,4}} \lor t_{e_{4,5}, e_{4,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, \neg e_{3,6}} \lor t_{e_{4,5}, e_{4,6}} \lor t_{\neg e_{1,4}, e_{2,4}} \lor t_{\neg e_{$$

$$3997. \ \, \neg e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,4} \lor t_{e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{4,5}, \neg e_{4,6}} \vdash t_{e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, \neg e_{3,6}} \lor t_{\neg e_{4,5}, \neg e_{4,6}} \vdash t_{e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, \neg e_{3,6}} \lor t_{\neg e_{4,5}, \neg e_{4,6}} \vdash t_{e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, \neg e_{3,6}} \lor t_{\neg e_{4,5}, \neg e_{4,6}} \vdash t_{e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, \neg e_{3,6}} \lor t_{\neg e_{4,5}, \neg e_{4,6}} \vdash t_{e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, \neg e_{3,6}} \lor t_{\neg e_{4,5}, \neg e_{4,6}} \vdash t_{e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, \neg e_{3,6}} \lor t_{\neg e_{4,5}, \neg e_{4,6}} \vdash t_{e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, \neg e_{3,6}} \lor t_{\neg e_{4,5}, \neg e_{4,6}} \vdash t_{e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \lor t_{\neg$$

$$3998. \ \, \neg e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,4} \lor t_{e_{1,4}, \neg e_{2,4}} \lor t_{e_{4,5}, e_{4,6}} \vdash t_{e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, \neg e_{3,6}} \lor t_{e_{4,5}, e_{4,6}} \vdash t_{e_{4,5}, e_{4,6}} \vdash t_{e_{4,5}, e_{4,6}} \lor t_{\neg e_{4,5}, e_{4,6}} \lor t_{\neg e_{4,5}$$

$$3999. \ \, \neg e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,4} \lor t_{e_{1,4}, e_{2,4}} \lor t_{\neg e_{4,5}, e_{4,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,4}, e_{2,4}} \lor t_{\neg e_{3,5}, \neg e_{3,6}} \lor t_{\neg e_{4,5}, e_{4,6}} \lor t_{\neg e_{$$

$$4000. \ \, \neg e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,4} \lor t_{e_{1,4}, e_{2,4}} \lor t_{e_{4,5}, \neg e_{4,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,4}, e_{2,4}} \lor t_{e_{4,5}, \neg e_{4,6}} \lor t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,6} \lor t_{\neg e_{3,5}, \neg e_{3,6}} \lor t_{\neg e_{3,5}, \neg e$$

$$4001. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3}, \, \neg e_{2,3}}, e_{1,2} \vee e_{1,3} \vee \neg t_{e_{1,2}, \, e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \vee \neg e_{2,3} \vee \neg t_{e_{1,2}, \, e_{1,3}} \vee e_{1,2}$$

$$4002. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3}, \, \neg e_{2,3}}, e_{1,2} \vee e_{1,3} \vee \neg t_{e_{1,2}, \, e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \vee \neg e_{2,3} \vee \neg t_{e_{1,2}, \, e_{1,3}} \vee e_{1,2}$$

$$4003. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3}, \, \neg e_{2,3}}, e_{1,2} \vee e_{1,3} \vee \neg t_{e_{1,2}, \, e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \vee \neg e_{2,3} \vee \neg t_{e_{1,2}, \, e_{1,3}} \vee e_{1,2}$$

$$4004. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3},\, \neg e_{2,3}}, e_{1,2} \vee e_{1,3} \vee \neg t_{e_{1,2},\, e_{1,3}} \vdash \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \vee \neg e_{2,3} \vee \neg t_{e_{1,2},\, e_{1,3}} \vee e_{1,2}$$

$$4005. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$4006. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$4007. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \, \neg e_{2,3}}, e_{1,3} \lor t_{e_{1,2}, \, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, \, \neg e_{1,3}}$$

$$4008. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$4009. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \lor e_{1,3} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \lor \neg e_{2,3} \lor \neg e_{2,4} \lor \neg e_$$

$$4010. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \vee e_{1,3} \vee \neg t_{\neg e_{1,2}, e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vee \neg e_{1,2} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,2}, e_{1,3}}$$

$$4011. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \vee e_{1,3} \vee \neg t_{\neg e_{1,2}, e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vee \neg e_{1,2} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,2}, e_{1,3}}$$

$$4012. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \lor e_{1,3} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \lor \neg e_{2,3} \lor \neg e_{2,4} \lor \neg e_$$

$$4013. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3}, \, \neg e_{2,3}}, e_{1,3} \vee t_{\neg e_{1,2}, \, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \vee \neg e_{2,3} \vee t_{\neg e_{1,2}, \, \neg e_{1,3}}$$

$$4014. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$4015. \ \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$4016. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \, \neg e_{2,3}}, e_{1,3} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}}$$

$$4017. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{2,3} \vee t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$4018. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$4019. \ \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$4020. \ \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$4021. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{1,2} \lor \neg e_{1,2} \lor \neg e_{1,3} \lor \neg e_$$

$$4022. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \vee e_{2,3} \vee \neg t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{1,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vee \neg e_{1,2} \vee \neg t_{\neg e_{1,2}, e_{2,3}} \vee \neg e_{1,2} \vee \neg e_{1,2} \vee \neg e_{1,2} \vee \neg e_{1,3} \vee \neg e_$$

$$4023. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{1,2} \lor \neg$$

$$4024. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{1,2} \lor \neg e_{1,2}, e_{2,3} \lor \neg e_{1,2} \lor \neg e_{1,3}, \neg e_{2,3} \lor \neg e_{1,3} \lor \neg e_{2,3} \lor \neg e_{1,4} \lor \neg e_{1,4}, e_{2,4} \lor \neg e_{2,4}, e_{2,4} \lor \neg e_{2,4} \lor \neg$$

$$4025. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{2,3} \vee t_{e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vee t_{e_{1,2}, \neg e_{2,3}}$$

$$4026. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_$$

$$4027. \ \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$4028. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_$$

$$4029. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,2} \vee e_{2,3} \vee \neg t_{e_{1,2}, e_{2,3}} \vdash \neg e_{1,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vee \neg t_{e_{1,2}, e_{2,3}} \vee e_{1,2} \vee e_{1,2} \vee e_{2,3} \vee$$

$$4030. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, e_{2,3}} \lor e_{1,2} \lor e_{1,2} \lor e_{2,3} \lor e_{1,2} \lor e_{2,3} \lor$$

$$4031. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, e_{2,3}} \lor e_{1,2}$$

$$4032. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3},\, \neg e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor \neg t_{e_{1,2},\, e_{2,3}} \lor e_{1,2}$$

$$4033. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3},\, \neg e_{2,3}}, e_{3,5} \vee t_{\neg e_{1,3},\, \neg e_{2,3}} \vdash \neg e_{1,3} \vee e_{3,5} \vee \neg e_{2,3}$$

$$4034. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,6} \vee t_{\neg e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,3} \vee \neg e_{2,3} \vee e_{3,6}$$

$$4035. \ \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, \neg e_{3,6}} \vdash \neg e_{1,3} \lor \neg e_{3,4} \lor \neg e_{2,3} \lor t_{\neg e_{3,5}, \neg e_{3,6}} \lor \neg e_{3,4} \lor \neg e_{3,4} \lor \neg e_{3,5}, \neg e_{3,6} \lor \neg e_{3,6$$

$$4036. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,5} \vee t_{\neg e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,3} \vee \neg e_{2,3} \vee \neg e_{3,5}$$

$$4037. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3}, \, \neg e_{2,3}}, \neg e_{3,6} \vee t_{\neg e_{1,3}, \, \neg e_{2,3}} \vdash \neg e_{1,3} \vee \neg e_{3,6} \vee \neg e_{2,3}$$

$$4038. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,4} \vee t_{\neg e_{1,3}, \neg e_{2,3}} \vee t_{e_{3,5}, e_{3,6}} \vdash \neg e_{1,3} \vee \neg e_{3,4} \vee t_{e_{3,5}, e_{3,6}} \vee \neg e_{2,3}$$

$$4039. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor e_{3,5} \lor \neg e_{2,3}$$

$$4040. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,6} \vee t_{\neg e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,3} \vee \neg e_{3,6} \vee \neg e_{2,3}$$

$$4041. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, e_{3,6}} \vdash \neg e_{1,3} \lor \neg e_{2,3} \lor t_{\neg e_{3,5}, e_{3,6}} \lor e_{3,4}$$

$$4042. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,5} \vee t_{\neg e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,3} \vee \neg e_{2,3} \vee \neg e_{3,5}$$

$$4043. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,6} \vee t_{\neg e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,3} \vee \neg e_{2,3} \vee e_{3,6}$$

$$4044. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{3,5}, \neg e_{3,6}} \vdash \neg e_{1,3} \lor \neg e_{2,3} \lor e_{3,4} \lor t_{e_{3,5}, \neg e_{3,6}} \lor e_{3,4} \lor e_{3,5}, e_{3,6} \lor e$$

$$4045. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \lor \neg$$

$$4046. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$4047. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \lor \neg$$

$$4048. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$4049. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \lor \neg$$

$$4050. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$4051. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \lor \neg$$

$$4052. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$4053. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \lor \neg$$

$$4054. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_$$

$$4055. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \lor \neg$$

$$4056. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_$$

$$4057. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \lor \neg$$

$$4058. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_$$

$$4059. \ \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_$$

$$4060. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_$$

4061.
$$e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}}$$

4062.
$$e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}}$$

$$4063. \ e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}}$$

$$4064. \ e_{1,3} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,2}, \, e_{1,3}} \vdash t_{e_{1,2}, \, e_{1,3}} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}}$$

$$4065. \ e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{1,2}$$

$$4066. \ \ e_{1,3} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}}, e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,2}, \, \neg e_{1,3}} \vdash t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor \neg t_{e_{1,2}, \, \neg e_{1,3}} \lor e_{1,2}$$

$$4067. \ e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{1,2}$$

$$4068. \ e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{1,2}$$

4069.
$$e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{1,3}}$$

4070.
$$e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{1,3}}$$

4071.
$$e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{1,3}}$$

4072.
$$e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{1,3}}$$

$$4073. \ e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$4074. \ e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$4075. \ e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$4076. \ e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$4077. \ e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3}$$

$$4078. \ e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3}$$

$$4079. \ e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg e_{2,$$

$$4080. \ e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg e_{2,$$

$$4081. \ e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \lor e_{2,3}$$

$$4082. \ e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \lor e_{2,3}$$

$$4083. \ e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \lor e_{2,3}$$

$$4084. \ e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \lor e_{2,3}$$

4085.
$$e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}}$$

4086.
$$e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}}$$

$$4087. \ e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}}$$

4088.
$$e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}}$$

4089.
$$e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, e_{2,3}}$$

$$4090. \ e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, e_{2,3}}$$

$$4091. \ e_{1,3} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,3}, \, e_{2,3}} \vdash t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor t_{e_{1,3}, \, e_{2,3}}$$

4092.
$$e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, e_{2,3}}$$

$$4093. \ e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$4094. \ \ e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \neg e_{$$

$$4095. \ e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$4096. \ e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$4097. \ e_{2,3} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}}$$

4098.
$$e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}}$$

4099.
$$e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}}$$

4100.
$$e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}}$$

4101.
$$e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

4102.
$$e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

4103.
$$e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$4104. \ \ e_{2,3} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor \neg t_{e_{1,2}, \, \neg e_{2,3}} \lor e_{1,2}$$

4105.
$$e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

4106.
$$e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

4107.
$$e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

4108.
$$e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

$$4109. \ e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, \neg$$

$$4110. \ e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, \neg$$

4111.
$$e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}}$$

$$4112. \ e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, \neg$$

4113.
$$e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

4114.
$$e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

4115.
$$e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

4116.
$$e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$4117. \ e_{2,3} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}}, e_{1,3} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor \neg t_{e_{1,3}, \, \neg e_{2,3}} \lor e_{1,3}$$

4118.
$$e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}$$

4119.
$$e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}$$

$$4120. \ e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}$$

4121.
$$e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}}$$

4122.
$$e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}}$$

4123.
$$e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}}$$

4124.
$$e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}}$$

4125.
$$e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5}, e_{3,6}}, \neg e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{3,5}, e_{3,6}} \lor e_{3,6}$$

4126.
$$e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5}, e_{3,6}}, \neg e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor e_{3,5} \lor \neg t_{e_{3,5}, e_{3,6}}$$

$$4127. \ e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5}, \, e_{3,6}}, \neg e_{3,4} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor t_{e_{3,5}, \, e_{3,6}} \vdash \neg e_{3,4} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor e_{3,5} \lor e_{3,6} \lor e_{$$

$$4128. \ e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5},\,e_{3,6}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\,e_{3,6}} \vdash \neg t_{e_{3,5},\,e_{3,6}} \lor \neg t_{\neg e_{3,5},\,e_{3,6}} \lor e_{3,6} \lor e$$

$$4129. \ e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5},\,e_{3,6}}, \neg e_{3,6} \lor t_{\neg e_{1,3},\,\neg e_{2,3}} \vdash t_{\neg e_{1,3},\,\neg e_{2,3}} \lor e_{3,5} \lor \neg t_{e_{3,5},\,e_{3,6}}$$

$$4130. \ e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5},\,e_{3,6}}, e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5},\,\neg e_{3,6}} \vdash e_{3,5} \lor \neg t_{e_{3,5},\,e_{3,6}} \lor \neg t_{e_{3,5},\,\neg e_{3,6}} \lor \neg t_{e_{3,5},\,\neg e_$$

4131.
$$e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5}, e_{3,6}}, \neg e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{3,5}, e_{3,6}} \lor e_{3,6}$$

$$4132. \ e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5},\,e_{3,6}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\,e_{3,6}} \vdash \neg t_{e_{3,5},\,e_{3,6}} \lor \neg t_{\neg e_{3,5},\,e_{3,6}} \lor e_{3,6} \lor e$$

4133.
$$e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5}, e_{3,6}}, \neg e_{3,6} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash e_{3,5} \lor \neg t_{e_{3,5}, e_{3,6}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$4134. \ e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5},\,e_{3,6}}, e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5},\,\neg e_{3,6}} \vdash e_{3,5} \lor \neg t_{e_{3,5},\,e_{3,6}} \lor \neg t_{e_{3,5},\,\neg e_{3,6}} \lor \neg t_{e_{3,5},\,\neg e_$$

4135.
$$e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5}, e_{3,6}}, \neg e_{3,5} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash \neg t_{e_{3,5}, e_{3,6}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{3,6}$$

4136.
$$e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5}, e_{3,6}}, \neg e_{3,5} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash \neg t_{e_{3,5}, e_{3,6}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{3,6}$$

4137.
$$e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5}, e_{3,6}}, \neg e_{3,6} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash e_{3,5} \lor \neg t_{e_{3,5}, e_{3,6}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$4138. \ e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5}, \, e_{3,6}}, e_{3,4} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor t_{e_{3,5}, \, e_{3,6}} \vdash e_{3,5} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor e_{3,4} \lor e_{3,6}$$

$$4139. \ e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5},\,e_{3,6}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\,e_{3,6}} \vdash \neg t_{e_{3,5},\,e_{3,6}} \lor \neg t_{\neg e_{3,5},\,e_{3,6}} \lor e_{3,6} \lor e$$

4140.
$$e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5}, e_{3,6}}, \neg e_{3,6} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash e_{3,5} \lor t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{3,5}, e_{3,6}}$$

$$4141. \ \ e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5},\,e_{3,6}}, e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5},\,\neg e_{3,6}} \vdash e_{3,5} \lor \neg t_{e_{3,5},\,e_{3,6}} \lor \neg t_{e_{3,5},\,\neg e_{3,6}} \lor \neg t_{e_{3,5},\,\neg$$

$$4142. \ e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5},\,e_{3,6}}, \neg e_{3,5} \lor t_{e_{1,3},\,\neg e_{2,3}} \vdash t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{3,5},\,e_{3,6}} \lor e_{3,6}$$

4143.
$$e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5}, e_{3,6}}, \neg e_{3,5} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{3,5}, e_{3,6}} \lor e_{3,6}$$

$$4144. \ e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5},\,e_{3,6}}, \neg e_{3,6} \lor t_{e_{1,3},\,\neg e_{2,3}} \vdash e_{3,5} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{3,5},\,e_{3,6}}$$

$$4145. \ \ e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5}, \, e_{3,6}}, e_{3,4} \lor t_{e_{1,3}, \, \neg e_{2,3}} \lor t_{e_{3,5}, \, e_{3,6}} \vdash t_{e_{1,3}, \, \neg e_{2,3}} \lor e_{3,5} \lor e_{3,4} \lor e_{3,6}$$

$$4146. \ \ e_{3,5} \lor e_{3,6} \lor \lnot t_{e_{3,5},\,e_{3,6}}, \lnot e_{3,5} \lor t_{e_{1,3},\,e_{2,3}} \vdash \lnot t_{e_{3,5},\,e_{3,6}} \lor t_{e_{1,3},\,e_{2,3}} \lor e_{3,6}$$

$$4147. \ e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5},\,e_{3,6}}, \neg e_{3,6} \lor t_{e_{1,3},\,e_{2,3}} \vdash e_{3,5} \lor \neg t_{e_{3,5},\,e_{3,6}} \lor t_{e_{1,3},\,e_{2,3}}$$

$$4148. \ \ e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5},\, e_{3,6}}, \neg e_{3,4} \lor t_{e_{1,3},\, e_{2,3}} \lor t_{e_{3,5},\, e_{3,6}} \vdash \neg e_{3,4} \lor e_{3,5} \lor t_{e_{1,3},\, e_{2,3}} \lor e_{3,6}$$

$$4149. \ e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5},\,e_{3,6}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\,e_{3,6}} \vdash \neg t_{e_{3,5},\,e_{3,6}} \lor \neg t_{\neg e_{3,5},\,e_{3,6}} \lor e_{3,6} \lor e$$

4150.
$$e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5},\,e_{3,6}}, \neg e_{3,6} \lor t_{e_{1,3},\,e_{2,3}} \vdash e_{3,5} \lor \neg t_{e_{3,5},\,e_{3,6}} \lor t_{e_{1,3},\,e_{2,3}}$$

$$4151. \ e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5},\,e_{3,6}}, e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5},\,\neg e_{3,6}} \vdash e_{3,5} \lor \neg t_{e_{3,5},\,e_{3,6}} \lor \neg t_{e_{3,5},\,\neg e_{3,6}} \lor \neg t_{e_{3,5},\,\neg e_$$

$$4152. \ e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5},\,e_{3,6}}, \neg e_{3,5} \lor t_{e_{1,3},\,e_{2,3}} \vdash \neg t_{e_{3,5},\,e_{3,6}} \lor t_{e_{1,3},\,e_{2,3}} \lor e_{3,6}$$

$$4153. \ \ e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5},\,e_{3,6}}, \neg e_{3,5} \lor t_{\neg e_{1,5},\,\neg e_{2,5}} \lor t_{\neg e_{4,5},\,\neg e_{5,6}} \vdash \neg t_{e_{3,5},\,e_{3,6}} \lor t_{\neg e_{1,5},\,\neg e_{2,5}} \lor t_{\neg e_{4,5},\,\neg e_{5,6}} \lor e_{3,6} \lor e_{$$

$$4154. \ \ e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5},\,e_{3,6}}, \neg e_{3,5} \lor t_{\neg e_{1,5},\,\neg e_{2,5}} \lor t_{e_{4,5},\,e_{5,6}} \vdash \neg t_{e_{3,5},\,e_{3,6}} \lor t_{\neg e_{1,5},\,\neg e_{2,5}} \lor e_{3,6} \lor t_{e_{4,5},\,e_{5,6}} \lor e_{3,6} \lor e_{$$

$$4155. \ e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5},\,e_{3,6}}, \neg e_{3,5} \lor t_{\neg e_{1,5},\,e_{2,5}} \lor t_{\neg e_{4,5},\,e_{5,6}} \vdash \neg t_{e_{3,5},\,e_{3,6}} \lor e_{3,6} \lor t_{\neg e_{4,5},\,e_{5,6}} \lor t_{\neg e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,5},\,e_{2,5}} \lor t_{\neg e_{4,5},\,e_{5,6}} \lor t_{\neg e_{4,5},\,e_{5,6$$

$$4156. \ \ e_{3,5} \lor e_{3,6} \lor \lnot t_{e_{3,5},\,e_{3,6}}, \lnot e_{3,5} \lor t_{\lnot e_{1,5},\,e_{2,5}} \lor t_{e_{4,5},\,\lnot e_{5,6}} \vdash \lnot t_{e_{3,5},\,e_{3,6}} \lor t_{e_{4,5},\,\lnot e_{5,6}} \lor e_{3,6} \lor t_{\lnot e_{1,5},\,e_{2,5}}$$

$$4157. \ e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5}, e_{3,6}}, \neg e_{3,5} \lor t_{e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{4,5}, e_{5,6}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor \neg t_{e_{3,5}, e_{3,6}} \lor e_{3,6} \lor t_{\neg e_{4,5}, e_{5,6}}$$

$$4158. \ \ e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5}, \, e_{3,6}}, \neg e_{3,5} \lor t_{e_{1,5}, \, \neg e_{2,5}} \lor t_{e_{4,5}, \, \neg e_{5,6}} \vdash t_{e_{1,5}, \, \neg e_{2,5}} \lor \neg t_{e_{3,5}, \, e_{3,6}} \lor t_{e_{4,5}, \, \neg e_{5,6}} \lor e_{3,6} \lor e$$

$$4159. \ \ e_{3,5} \lor e_{3,6} \lor \lnot t_{e_{3,5},\,e_{3,6}}, \lnot e_{3,5} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{\lnot e_{4,5},\,\lnot e_{5,6}} \vdash \lnot t_{e_{3,5},\,e_{3,6}} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{\lnot e_{4,5},\,\lnot e_{5,6}} \lor e_{3,6}$$

$$4160. \ \ e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5},\,e_{3,6}}, \neg e_{3,5} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{e_{4,5},\,e_{5,6}} \vdash \neg t_{e_{3,5},\,e_{3,6}} \lor t_{e_{1,5},\,e_{2,5}} \lor e_{3,6} \lor t_{e_{4,5},\,e_{5,6}} \lor e_{3,6} \lor e$$

$$4161. \ e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5},\,e_{3,6}}, \neg e_{3,6} \lor t_{\neg e_{1,6},\,\neg e_{2,6}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}} \vdash e_{3,5} \lor \neg t_{e_{3,5},\,e_{3,6}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}} \lor t_{\neg e_{1,6},\,\neg e_{2,6}} \lor t_{\neg e_{1,6},\,\neg e_{2,6}} \lor t_{\neg e_{3,6},\,\neg e_{3,6}} \lor t$$

$$4162. \ e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5},\,e_{3,6}}, \neg e_{3,6} \lor t_{\neg e_{1,6},\,\neg e_{2,6}} \lor t_{e_{4,6},\,e_{5,6}} \vdash t_{e_{4,6},\,e_{5,6}} \lor e_{3,5} \lor \neg t_{e_{3,5},\,e_{3,6}} \lor t_{\neg e_{1,6},\,\neg e_{2,6}} \lor t_{\neg e_{1$$

$$4163. \ \ e_{3,5} \lor e_{3,6} \lor \lnot t_{e_{3,5}, \, e_{3,6}}, \lnot e_{3,6} \lor t_{\lnot e_{1,6}, \, e_{2,6}} \lor t_{\lnot e_{4,6}, \, e_{5,6}} \vdash t_{\lnot e_{1,6}, \, e_{2,6}} \lor e_{3,5} \lor t_{\lnot e_{4,6}, \, e_{5,6}} \lor \lnot t_{e_{3,5}, \, e_{3,6}}, e_{3,6} \lor e_$$

$$4164. \ e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5}, e_{3,6}}, \neg e_{3,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor e_{3,5} \lor \neg t_{e_{3,5}, e_{3,6}} \lor t_{e_{4,6}, \neg e_{5,6}}$$

$$4165. \ \ e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5},\,e_{3,6}}, \neg e_{3,6} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor t_{\neg e_{4,6},\,e_{5,6}} \vdash e_{3,5} \lor t_{\neg e_{4,6},\,e_{5,6}} \lor \neg t_{e_{3,5},\,e_{3,6}} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor t_{\neg e_{4,6},\,e_{5,6}} \lor \neg t_{e_{3,5},\,e_{3,6}} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor t_{\neg e_{4,6},\,e_{5,6}} \lor \neg t_{e_{3,5},\,e_{3,6}} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor t_{\neg e_{4,6},\,e_{5,6}} \lor \neg t_{e_{3,5},\,e_{3,6}} \lor t_{e_{3,5},\,e_{3,6}} \lor t_{e_{3,6},\,\neg e_{3,6}} \lor t_{e_{3,6},\,\neg e_{3,6$$

$$4166. \ e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5}, e_{3,6}}, \neg e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \vdash e_{3,5} \lor \neg t_{e_{3,5}, e_{3,6}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \lor t_{e_{4,6}, \neg e_{5,6$$

$$4167. \ e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5},\,e_{3,6}}, \neg e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}} \vdash e_{3,5} \lor \neg t_{e_{3,5},\,e_{3,6}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}}$$

$$4168. \ e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5},\,e_{3,6}}, \neg e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{e_{4,6},\,e_{5,6}} \vdash t_{e_{4,6},\,e_{5,6}} \lor e_{3,5} \lor \neg t_{e_{3,5},\,e_{3,6}} \lor t_{e_{1,6},\,e_{2,6}}$$

4169.
$$\neg e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}}$$

$$4170. \ \, \neg e_{3,5} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5}, \, e_{3,6}} \vdash t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor \neg t_{e_{3,5}, \, e_{3,6}} \lor e_{3,6}$$

4171.
$$\neg e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}}$$

$$4172. \ \neg e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5}, \neg e_{3,6}} \vdash \neg e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{3,5}, \neg e_{3,6}}$$

$$4173. \ \, \neg e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,5} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$4174. \ \, \neg e_{3,5} \lor t_{\neg e_{1,3},\, \neg e_{2,3}}, e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5},\, \neg e_{3,6}} \vdash \neg e_{3,6} \lor t_{\neg e_{1,3},\, \neg e_{2,3}} \lor \neg t_{e_{3,5},\, \neg e_{3,6}} \lor r_{\neg e_{3,6}} \lor r_{\neg$$

4175.
$$\neg e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,5} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$4176. \ \neg e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5}, e_{3,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{3,5}, e_{3,6}} \lor e_{3,6}$$

4177.
$$\neg e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,5} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}}$$

4178.
$$\neg e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5}, \neg e_{3,6}} \vdash \neg e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{3,5}, \neg e_{3,6}}$$

4179.
$$\neg e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,5} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}}$$

$$4180. \ \, \neg e_{3,5} \lor t_{\neg e_{1,3},\, \neg e_{2,3}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5},\, e_{3,6}} \vdash t_{\neg e_{1,3},\, \neg e_{2,3}} \lor \neg t_{e_{3,5},\, e_{3,6}} \lor e_{3,6} \lor e_{3$$

4181.
$$\neg e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,5} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}}$$

4182.
$$\neg e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5}, e_{3,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{3,5}, e_{3,6}} \lor e_{3,6}$$

4183.
$$\neg e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,5} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}}$$

4184.
$$\neg e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5}, \neg e_{3,6}} \vdash \neg e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{3,5}, \neg e_{3,6}}$$

$$4185. \ \neg e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,5} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{4,5}, e_{5,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{4,5}, e_{5,6}}$$

$$4186. \ \, \neg e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,5} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{e_{4,5}, \neg e_{5,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{e_{4,5}, \neg e_{5,6}}$$

$$4187. \ \neg e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,5} \lor t_{\neg e_{1,5}, e_{2,5}} \lor t_{\neg e_{4,5}, \neg e_{5,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{4,5}, \neg e_{5,6}} \lor t_{\neg e_{1,5}, e_{2,5}}$$

$$4188. \ \neg e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,5} \lor t_{\neg e_{1,5}, e_{2,5}} \lor t_{e_{4,5}, e_{5,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{4,5}, e_{5,6}} \lor t_{\neg e_{1,5}, e_{2,5}}$$

$$4189. \ \, \neg e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,5} \lor t_{e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{4,5}, \neg e_{5,6}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{4,5}, \neg e_{5,6}}$$

$$4190. \ \neg e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,5} \lor t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{4,5}, e_{5,6}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{4,5}, e_{5,6}}$$

$$4191. \ \, \neg e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,5} \lor t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{4,5}, e_{5,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{4,5}, e_{5,6}}$$

$$4192. \ \, \neg e_{3,5} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}}, e_{3,5} \lor t_{e_{1,5}, \, e_{2,5}} \lor t_{e_{4,5}, \, \neg e_{5,6}} \vdash t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor t_{e_{1,5}, \, e_{2,5}} \lor t_{e_{4,5}, \, \neg e_{5,6}} \lor t_{e_{4,5}, \,$$

4193.
$$\neg e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}}$$

4194.
$$\neg e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5}, e_{3,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor e_{3,5} \lor \neg t_{e_{3,5}, e_{3,6}}$$

$$4195. \ \, \neg e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5}, e_{3,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5}, e_{3,6}} \lor \neg e_{3,5}$$

4196.
$$\neg e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}}$$

4197.
$$\neg e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5}, e_{3,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5}, e_{3,6}} \lor \neg e_{3,5}$$

4198.
$$\neg e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,6} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

4199.
$$\neg e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,6} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$4200. \ \neg e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5}, e_{3,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor e_{3,5} \lor \neg t_{e_{3,5}, e_{3,6}}$$

$$4201. \ \, \neg e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5}, e_{3,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5}, e_{3,6}} \lor \neg e_{3,5}$$

4202.
$$\neg e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,6} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}}$$

4203.
$$\neg e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,6} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}}$$

- $4204. \ \, \neg e_{3,6} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5}, \, e_{3,6}} \vdash t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor e_{3,5} \lor \neg t_{e_{3,5}, \, e_{3,6}}$
- 4205. $\neg e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,6} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, e_{2,3}}$
- $4206. \ \, \neg e_{3,6} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5}, \, e_{3,6}} \vdash t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor e_{3,5} \lor \neg t_{e_{3,5}, \, e_{3,6}}$
- $4207. \ \, \neg e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5}, e_{3,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5}, e_{3,6}} \lor \neg e_{3,5}$
- 4208. $\neg e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,6} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, e_{2,3}}$
- $4209. \ \neg e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{4,6}, e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$
- $4210. \ \, \neg e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_$
- $4211. \ \neg e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{4,6}, \neg e_{5,6}}$
- $4212. \ \neg e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{4,6}, e_{5,6}} \vdash t_{e_{4,6}, e_{5,6}} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,3}, \neg e_{2,3}}$
- $4213. \ \, \neg e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}}$
- $4214. \ \, \neg e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, e_{5,6}} \vdash t_{e_{4,6}, e_{5,6}} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor$
- $4215. \ \neg e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,6} \lor t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{4,6}, e_{5,6}} \lor t_{e_{1,6}, e_{2,6}}$
- $4216. \ \neg e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,6} \lor t_{e_{1,6}, e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{4,6}, \neg e_{5,6}} \lor t_{e_{1,6}, e_{2,6}}$
- $4217. \ \neg e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{3,5}, e_{3,6}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5}, e_{3,6}} \vdash \neg e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor e_{3,5} \lor e_{3,6}$
- $4218. \ \, \neg e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{3,5}, e_{3,6}}, e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, e_{3,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{3,5}, e_{3,6}} \lor t_{\neg e_{3,5}, e_{3,6}} \lor t_{\neg e_{3,$
- $4219. \ \, \neg e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{3,5}, e_{3,6}}, e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{3,5}, \neg e_{3,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{3,5}, e_{3,6}} \lor t_{e_{3,5}, \neg e_{3,6}} \lor t_{e_{3,5}$
- $4220. \ \, \neg e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{3,5}, e_{3,6}}, e_{3,4} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{\neg e_{3,5}, \neg e_{3,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{3,5}, e_{3,6}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{\neg e_{3,5}, \neg e_{3,6}} \lor$
- $4221. \ \neg e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{3,5}, e_{3,6}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5}, e_{3,6}} \vdash \neg e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor e_{3,5} \lor e_{3,6} \lor e_{3,6} \lor \neg t_{e_{3,5}, e_{3,6}} \vdash \neg e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor e_{3,5} \lor e_{3,6} \lor e_{3,6} \lor \neg t_{e_{3,5}, e_{3,6}} \vdash \neg e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor e_{3,5} \lor e_{3,6} \lor e_{3,6} \lor \neg t_{e_{3,5}, e_{3,6}} \vdash \neg e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor e_{3,5} \lor e_{3,6} \lor e_{3,6} \lor \neg t_{e_{3,5}, e_{3,6}} \vdash \neg e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor e_{3,5} \lor e_{3,6} \lor e_{3,$
- $4222. \ \, \neg e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{3,5}, e_{3,6}}, e_{3,4} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{3,5}, e_{3,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{3,5}, e_{3,6}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{$
- $4223. \ \, \neg e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{3,5}, e_{3,6}}, e_{3,4} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, \neg e_{3,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{3,5}, e_{3,6}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, \neg e_{3,6}} \lor$
- $4224. \ \, \neg e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{3,5}, e_{3,6}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5}, e_{3,6}} \vdash \neg e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor e_{3,5} \lor e_{3,6}$
- $4225. \ \neg e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{3,5}, e_{3,6}}, e_{3,4} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{3,5}, e_{3,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{3,5}, e_{3,6}} \lor t_{e_{1,3}, \neg e_{2,3}}$
- $4226. \ \, \neg e_{3,4} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor t_{e_{3,5}, \, e_{3,6}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5}, \, e_{3,6}} \vdash \neg e_{3,4} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor e_{3,5} \lor e_{3,6} \lor$
- $4227. \ \neg e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{3,5}, e_{3,6}}, e_{3,4} \lor t_{e_{1,3}, e_{2,3}} \lor t_{\neg e_{3,5}, e_{3,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{3,5}, e_{3,6}} \lor t_{\neg e_{3,5}, e_{3,6}} \lor t_{e_{1,3}, e_{2,3}} \lor t_{e_{1,3}, e_{2,3}} \lor t_{e_{3,5}, e_{3,6}} \lor t_{\neg e_{3,5}, e_{3,6}}$
- $4228. \ \neg e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{3,5}, e_{3,6}}, e_{3,4} \lor t_{e_{1,3}, e_{2,3}} \lor t_{e_{3,5}, \neg e_{3,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{3,5}, e_{3,6}} \lor t_{e_{1,3}, e_{2,3}} \lor t_{e_{3,5}, \neg e_{3,6}} \lor t_{e_{3,5}, \neg e_{3,$
- $4229. \ \neg e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{3,5}, e_{3,6}}, e_{3,4} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{4,5}, e_{4,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{3,5}, e_{3,6}} \lor t_{\neg e_{4,5}, e_{4,6}} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{4,5}, e_{4,6}} \lor t_{\neg e_{4,5$
- $4230. \ \neg e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{3,5}, e_{3,6}}, e_{3,4} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \lor t_{e_{4,5}, \neg e_{4,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{3,5}, e_{3,6}} \lor t_{e_{4,5}, \neg e_{4,6}} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \lor t_$

$$4231. \ \, \neg e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{3,5}, e_{3,6}}, e_{3,4} \lor t_{\neg e_{1,4}, e_{2,4}} \lor t_{\neg e_{4,5}, \neg e_{4,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{3,5}, e_{3,6}} \lor t_{\neg e_{4,5}, \neg e_{4,6}} \lor t_{\neg e_{1,4}, e_{2,4}} \lor t_{\neg e_{$$

$$4232. \ \, \neg e_{3,4} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor t_{e_{3,5}, \, e_{3,6}}, e_{3,4} \lor t_{\neg e_{1,4}, \, e_{2,4}} \lor t_{e_{4,5}, \, e_{4,6}} \vdash t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor t_{e_{3,5}, \, e_{3,6}} \lor t_{e_{4,5}, \, e_{4,6}} \lor t_{\neg e_{1,4}, \, e_{2,4}} \lor t_{\neg e_{1,4}, \, e_$$

$$4233. \ \, \neg e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{3,5}, e_{3,6}}, e_{3,4} \lor t_{e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{4,5}, \neg e_{4,6}} \vdash t_{e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{3,5}, e_{3,6}} \lor t_{\neg e_{4,5}, \neg e_{4,6}} \lor t_{\neg e_{4,5}, \neg e_{4,6}} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, e_{3,6}} \lor t_{\neg e_{4,5}, \neg e_{4,6}} \lor t$$

$$4234. \ \, \neg e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{3,5}, e_{3,6}}, e_{3,4} \lor t_{e_{1,4}, \neg e_{2,4}} \lor t_{e_{4,5}, e_{4,6}} \vdash t_{e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{3,5}, e_{3,6}} \lor t_{e_{4,5}, e_{4,6}} \vdash t_{e_{4,5}, e_{4,6}} \vdash t_{e_{4,5}, e_{4,6}} \lor t_{\neg e_{4,5}, e_{4,6$$

$$4235. \ \, \neg e_{3,4} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor t_{e_{3,5}, \, e_{3,6}}, e_{3,4} \lor t_{e_{1,4}, \, e_{2,4}} \lor t_{\neg e_{4,5}, \, e_{4,6}} \vdash t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor t_{e_{3,5}, \, e_{3,6}} \lor t_{e_{1,4}, \, e_{2,4}} \lor t_{\neg e_{4,5}, \, e_{4,6}} \lor t_{e_{3,5}, \, e_{3,6}} \lor t_{e_{3,5}, \, e_{3,6}} \lor t_{e_{3,5}, \, e_{3,6}} \lor t_{e_{3,5}, \, e_{4,6}} \lor t_{e_{3,5}, \, e_{4,6}} \lor t_{e_{3,5}, \, e_{3,6}} \lor$$

$$4236. \ \, \neg e_{3,4} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor t_{e_{3,5}, \, e_{3,6}}, e_{3,4} \lor t_{e_{1,4}, \, e_{2,4}} \lor t_{e_{4,5}, \, \neg e_{4,6}} \vdash t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor t_{e_{3,5}, \, e_{3,6}} \lor t_{e_{1,4}, \, e_{2,4}} \lor t_{e_{4,5}, \, \neg e_{4,6}} \vdash t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor t_{e_{3,5}, \, e_{3,6}} \lor t_{e_{1,4}, \, e_{2,4}} \lor t_{e_{4,5}, \, \neg e_{4,6}} \vdash t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor t_{e_{3,5}, \, e_{3,6}} \lor t_{e_{3,5}, \, e$$

$$4237. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,2} \vee e_{1,3} \vee \neg t_{e_{1,2}, e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vee \neg e_{2,3} \vee \neg t_{e_{1,2}, e_{1,3}} \vee e_{1,2}$$

$$4238. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,2} \vee e_{1,3} \vee \neg t_{e_{1,2}, e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vee \neg e_{2,3} \vee \neg t_{e_{1,2}, e_{1,3}} \vee e_{1,2}$$

$$4239. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,2} \vee e_{1,3} \vee \neg t_{e_{1,2}, e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vee \neg e_{2,3} \vee \neg t_{e_{1,2}, e_{1,3}} \vee e_{1,2}$$

$$4240. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,2} \vee e_{1,3} \vee \neg t_{e_{1,2}, e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vee \neg e_{2,3} \vee \neg t_{e_{1,2}, e_{1,3}} \vee e_{1,2}$$

$$4241. \ \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$4242. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$4243. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$4244. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$4245. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \lor e_{1,3} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \lor \neg e_{2,3} \lor \neg e_{2,4} \lor \neg e_$$

$$4246. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \lor e_{1,3} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \lor \neg e_{2,3} \lor \neg e_{2,4} \lor \neg e_$$

$$4247. \ \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \lor e_{1,3} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \lor \neg e_{2,3} \lor \neg e_{2,4} \lor \neg e_{2,$$

$$4248. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \lor e_{1,3} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{1,3}}$$

$$4249. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$4250. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$4251. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$4252. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$4253. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{2,3} \vee t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$4254. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$4255. \ \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$4256. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$4257. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{1,2} \lor \neg e_{1,2} \lor \neg e_{1,2} \lor \neg e_{1,3} \lor \neg e_$$

$$4258. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{1,2} \lor \neg e_{1,2}, e_{2,3} \lor \neg e_{1,2} \lor \neg e_{1,3}, \neg e_{2,3} \lor \neg e_{1,3} \lor \neg e_{2,3} \lor \neg e_{1,2} \lor \neg e_{2,3} \lor \neg e_{2,3$$

$$4259. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \vee e_{2,3} \vee \neg t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{1,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vee \neg e_{1,2} \vee \neg t_{\neg e_{1,2}, e_{2,3}} \vee \neg e_{2,3} \vee \neg e_{2,4} \vee \neg e_$$

$$4260. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{1,2} \lor \neg$$

$$4261. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{2,3} \vee t_{e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vee t_{e_{1,2}, \neg e_{2,3}} \vee t_{e_$$

$$4262. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3}, \, \neg e_{2,3}}, e_{2,3} \vee t_{e_{1,2}, \, \neg e_{2,3}} \vdash \neg e_{1,3} \vee \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \vee t_{e_{1,2}, \, \neg e_{2,3}} \vee t_{e_{1,2$$

$$4263. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{2,3} \vee t_{e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vee t_{e_{1,2}, \neg e_{2,3}} \vee t_{e_$$

$$4264. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$4265. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,2} \vee e_{2,3} \vee \neg t_{e_{1,2}, e_{2,3}} \vdash \neg e_{1,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vee \neg t_{e_{1,2}, e_{2,3}} \vee e_{1,2} \vee e_{1,2} \vee e_{1,2} \vee e_{1,2} \vee e_{1,3} \vee e_{1,4} \vee$$

$$4266. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, e_{2,3}} \lor e_{1,2} \lor e_{1,2} \lor e_{2,3} \lor e_{1,2} \lor e_{2,3} \lor$$

$$4267. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,2} \vee e_{2,3} \vee \neg t_{e_{1,2}, e_{2,3}} \vdash \neg e_{1,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vee \neg t_{e_{1,2}, e_{2,3}} \vee e_{1,2}$$

$$4268. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3},\, \neg e_{2,3}}, e_{1,2} \vee e_{2,3} \vee \neg t_{e_{1,2},\, e_{2,3}} \vdash \neg e_{1,3} \vee \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \vee \neg t_{e_{1,2},\, e_{2,3}} \vee e_{1,2}$$

$$4269. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3},\, \neg e_{2,3}}, e_{3,5} \vee t_{\neg e_{1,3},\, \neg e_{2,3}} \vdash \neg e_{1,3} \vee e_{3,5} \vee \neg e_{2,3}$$

$$4270. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,6} \vee t_{\neg e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,3} \vee \neg e_{2,3} \vee e_{3,6}$$

$$4271. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, \neg e_{3,6}} \vdash \neg e_{1,3} \lor \neg e_{3,4} \lor \neg e_{2,3} \lor t_{\neg e_{3,5}, \neg e_{3,6}}$$

$$4272. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,5} \vee t_{\neg e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,3} \vee \neg e_{2,3} \vee \neg e_{3,5}$$

$$4273. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,6} \vee t_{\neg e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,3} \vee \neg e_{3,6} \vee \neg e_{2,3}$$

$$4274. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{3,5}, e_{3,6}} \vdash \neg e_{1,3} \lor \neg e_{3,4} \lor t_{e_{3,5}, e_{3,6}} \lor \neg e_{2,3}$$

$$4275. \ \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor e_{3,5} \lor \neg e_{2,3}$$

$$4276. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,6} \vee t_{\neg e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,3} \vee \neg e_{3,6} \vee \neg e_{2,3}$$

$$4277. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, e_{3,6}} \vdash \neg e_{1,3} \lor \neg e_{2,3} \lor t_{\neg e_{3,5}, e_{3,6}} \lor e_{3,4}$$

$$4278. \ \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg e_{2,3} \lor \neg e_{3,5}$$

$$4279. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,6} \vee t_{\neg e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,3} \vee \neg e_{2,3} \vee e_{3,6}$$

$$4280. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{3,5}, \neg e_{3,6}} \vdash \neg e_{1,3} \lor \neg e_{2,3} \lor e_{3,4} \lor t_{e_{3,5}, \neg e_{3,6}}$$

$$4281. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \lor \neg$$

$$4282. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$4283. \ \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \lor \neg t_$$

$$4284. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$4285. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \lor \neg$$

$$4286. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$4287. \ \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \lor \neg t_$$

$$4288. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$4289. \ \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_$$

$$4290. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3}, \, \neg e_{2,3}}, e_{2,3} \vee t_{e_{1,3}, \, \neg e_{2,3}} \vdash \neg e_{1,3} \vee \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \vee t_{e_{1,3}, \, \neg e_{2,3}} \vee t_{e_{1,3$$

$$4291. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \lor \neg$$

$$4292. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_$$

$$4293. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \lor \neg$$

$$4294. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_$$

$$4295. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \lor \neg$$

$$4296. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_$$

4297.
$$e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}}$$

4298.
$$e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}}$$

4299.
$$e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}}$$

$$4300. \ e_{1,3} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,2}, \, e_{1,3}} \vdash t_{e_{1,2}, \, e_{1,3}} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}}$$

4301.
$$e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{1,2}$$

$$4302. \ e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{1,2}$$

$$4303. \ e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{1,2}$$

$$4304. \ \ e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{1,2}$$

4305.
$$e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{1,3}}$$

$$4306. \ e_{1,3} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}}, \neg e_{1,3} \lor t_{\neg e_{1,2}, \, e_{1,3}} \vdash t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{1,3}}$$

$$4307. \ e_{1,3} \lor t_{\lnot e_{1,3}, \lnot e_{2,3}}, \lnot e_{1,3} \lor t_{\lnot e_{1,2}, e_{1,3}} \vdash t_{\lnot e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e_{1,3}}$$

4308.
$$e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{1,3}}$$

$$4309. \ e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$4310. \ e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$4311. \ e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$4312. \ e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$4313. \ e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3}$$

$$4314. \ e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3}$$

$$4315. \ e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3}$$

$$4316. \ e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg e_{2,$$

$$4317. \ e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \lor e_{2,3}$$

$$4318. \ e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \lor e_{2,3}$$

$$4319. \ e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \lor e_{2,3}$$

$$4320. \ e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \lor e_{2,3}$$

4321.
$$e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}}$$

$$4322. \ e_{1,3} \lor t_{\lnot e_{1,3}, \lnot e_{2,3}}, \lnot e_{1,3} \lor t_{e_{1,3}, \lnot e_{2,3}} \vdash t_{\lnot e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,3}, \lnot e_{2,3}}$$

4323.
$$e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}}$$

4324.
$$e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}}$$

4325.
$$e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, e_{2,3}}$$

4326.
$$e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, e_{2,3}}$$

4327.
$$e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, e_{2,3}}$$

4328.
$$e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, e_{2,3}}$$

$$4329. \ e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$4330. \ e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \neg e_{2,$$

$$4331. \ e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}}$$

4332.
$$e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$4333. \ e_{2,3} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}}$$

4334.
$$e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}}$$

4335.
$$e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}}$$

$$4336. \ e_{2,3} \lor t_{\lnot e_{1,3},\,\lnot e_{2,3}}, \lnot e_{2,3} \lor t_{\lnot e_{1,2},\,e_{2,3}} \vdash t_{\lnot e_{1,2},\,e_{2,3}} \lor t_{\lnot e_{1,3},\,\lnot e_{2,3}}$$

$$4337. \ e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$4338. \ e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

4339.
$$e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$4340. \ \ e_{2,3} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor \neg t_{e_{1,2}, \, \neg e_{2,3}} \lor e_{1,2}$$

4341.
$$e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

4342.
$$e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

4343.
$$e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

4344.
$$e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

$$4345. \ e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, \neg$$

$$4346. \ \ e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3},$$

$$4347. \ e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, \neg$$

$$4348. \ e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, \neg$$

$$4349. \ e_{2,3} \lor t_{\neg e_{1,3},\, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3},\, e_{2,3}} \vdash t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}}$$

$$4350. \ e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

4351.
$$e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

4352.
$$e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$4353. \ e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}$$

$$4354. \ e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}$$

$$4355. \ e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}$$

$$4356. \ e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}$$

$$4357. \ e_{2,3} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,3}, \, e_{2,3}} \vdash t_{e_{1,3}, \, e_{2,3}} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}}$$

4358.
$$e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}}$$

4359.
$$e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}}$$

$$4360. \ e_{2,3} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,3}, \, e_{2,3}} \vdash t_{e_{1,3}, \, e_{2,3}} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}}$$

$$4361. \ \, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}}, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5},\, \neg e_{3,6}} \vdash \neg t_{\neg e_{3,5},\, \neg e_{3,6}} \lor \neg t_{\neg e_{3,5},\, e_{3,6}$$

$$4362. \ \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5}, \, e_{3,6}}, e_{3,5} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5}, \, e_{3,6}} \lor e_{3,6}$$

$$4363. \ \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5}, \, e_{3,6}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5}, \, e_{3,6}} \vdash \neg t_{e_{3,5}, \, e_{3,6}} \lor \neg t_{\neg e_{3,5}, \, e_{3,6}} \lor e_{3,6} \lor e_{$$

$$4364. \ \, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}}, \neg e_{3,6} \lor t_{\neg e_{1,3},\, \neg e_{2,3}} \vdash t_{\neg e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5},\, e_{3,6}} \lor \neg e_{3,5}$$

$$4365. \ \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5}, \, e_{3,6}}, e_{3,5} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5}, \, e_{3,6}} \lor e_{3,6}$$

$$4366. \ \, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}}, \neg e_{3,6} \lor t_{\neg e_{1,3},\, \neg e_{2,3}} \vdash t_{\neg e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5},\, e_{3,6}} \lor \neg e_{3,5}$$

$$4367. \ \, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}}, e_{3,4} \lor t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{3,5},\, e_{3,6}} \vdash t_{\neg e_{1,3},\, \neg e_{2,3}} \lor e_{3,4} \lor e_{3,6} \lor \neg e_{3,5}$$

$$4368. \ \, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}}, e_{3,5} \lor t_{\neg e_{1,3},\, e_{2,3}} \vdash \neg t_{\neg e_{3,5},\, e_{3,6}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor e_{3,6}$$

$$4369. \ \, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}}, \neg e_{3,6} \lor t_{\neg e_{1,3},\, e_{2,3}} \vdash \neg t_{\neg e_{3,5},\, e_{3,6}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor \neg e_{3,5}$$

$$4370. \ \, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}}, \neg e_{3,4} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{3,5},\, e_{3,6}} \vdash \neg e_{3,4} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor e_{3,6} \lor \neg e_{3,5}$$

$$4371. \ \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5}, \, e_{3,6}}, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \, \neg e_{3,6}} \vdash \neg t_{\neg e_{3,5}, \, \neg e_{3,6}} \lor \neg t_{\neg e_{3,5}, \, e_{3,6}} \lor \neg t_{\neg e_{3,5},$$

$$4372. \ \, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}}, e_{3,5} \lor t_{\neg e_{1,3},\, e_{2,3}} \vdash \neg t_{\neg e_{3,5},\, e_{3,6}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor e_{3,6}$$

$$4373. \ \, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5},\, e_{3,6}} \vdash \neg t_{e_{3,5},\, e_{3,6}} \lor \neg t_{\neg e_{3,5},\, e_{3,6}} \lor e_{3,6} \lor e_{3$$

$$4374. \ \, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}}, \neg e_{3,6} \lor t_{\neg e_{1,3},\, e_{2,3}} \vdash \neg t_{\neg e_{3,5},\, e_{3,6}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor \neg e_{3,5}$$

$$4375. \ \, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}}, e_{3,5} \lor t_{e_{1,3},\, \neg e_{2,3}} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5},\, e_{3,6}} \lor e_{3,6}$$

$$4376. \ \, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}}, \neg e_{3,6} \lor t_{e_{1,3},\, \neg e_{2,3}} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5},\, e_{3,6}} \lor \neg e_{3,5}$$

$$4377. \ \, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}}, \neg e_{3,4} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{3,5},\, e_{3,6}} \vdash \neg e_{3,4} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor e_{3,6} \lor \neg e_{3,5}$$

$$4378. \ \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5}, \, e_{3,6}}, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \, \neg e_{3,6}} \vdash \neg t_{\neg e_{3,5}, \, \neg e_{3,6}} \lor \neg t_{\neg e_{3,5}, \, e_{3,6}} \lor \neg t_{\neg e_{3,5},$$

$$4379. \ \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5}, \, e_{3,6}}, e_{3,5} \lor t_{e_{1,3}, \, \neg e_{2,3}} \vdash t_{e_{1,3}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5}, \, e_{3,6}} \lor e_{3,6}$$

$$4380. \ \, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5},\, e_{3,6}} \vdash \neg t_{e_{3,5},\, e_{3,6}} \lor \neg t_{\neg e_{3,5},\, e_{3,6}} \lor e_{3,6} \lor e_{3$$

$$4381. \ \, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}}, \neg e_{3,6} \lor t_{e_{1,3},\, \neg e_{2,3}} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5},\, e_{3,6}} \lor \neg e_{3,5}$$

$$4382. \ \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5}, \, e_{3,6}}, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \, \neg e_{3,6}} \vdash \neg t_{\neg e_{3,5}, \, \neg e_{3,6}} \lor \neg t_{\neg e_{3,5}, \, e_{3,6}} \lor \neg t_{\neg e_{3,5},$$

$$4383. \ \, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}}, e_{3,5} \lor t_{e_{1,3},\, e_{2,3}} \vdash \neg t_{\neg e_{3,5},\, e_{3,6}} \lor t_{e_{1,3},\, e_{2,3}} \lor e_{3,6}$$

$$4384. \ \, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5},\, e_{3,6}} \vdash \neg t_{e_{3,5},\, e_{3,6}} \lor \neg t_{\neg e_{3,5},\, e_{3,6}} \lor e_{3,6} \lor e_{3$$

$$4385. \ \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}}, \neg e_{3,6} \lor t_{e_{1,3},\, e_{2,3}} \vdash \neg t_{\neg e_{3,5},\, e_{3,6}} \lor t_{e_{1,3},\, e_{2,3}} \lor \neg e_{3,5}$$

4386.
$$\neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5}, e_{3,6}}, e_{3,5} \lor t_{e_{1,3}, e_{2,3}} \vdash \neg t_{\neg e_{3,5}, e_{3,6}} \lor t_{e_{1,3}, e_{2,3}} \lor e_{3,6}$$

$$4387. \ \, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}}, \neg e_{3,6} \lor t_{e_{1,3},\, e_{2,3}} \vdash \neg t_{\neg e_{3,5},\, e_{3,6}} \lor t_{e_{1,3},\, e_{2,3}} \lor \neg e_{3,5}$$

$$4388. \ \, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}}, e_{3,4} \lor t_{e_{1,3},\, e_{2,3}} \lor t_{\neg e_{3,5},\, e_{3,6}} \vdash t_{e_{1,3},\, e_{2,3}} \lor e_{3,4} \lor e_{3,6} \lor \neg e_{3,5}$$

$$4389. \ \, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5}, \, e_{3,6}}, e_{3,5} \lor t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor t_{\neg e_{4,5}, \, e_{5,6}} \vdash \neg t_{\neg e_{3,5}, \, e_{3,6}} \lor t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor e_{3,6} \lor t_{\neg e_{4,5}, \, e_{5,6}}$$

$$4390. \ \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5}, \, e_{3,6}}, e_{3,5} \lor t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor t_{e_{4,5}, \, \neg e_{5,6}} \vdash \neg t_{\neg e_{3,5}, \, e_{3,6}} \lor t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor t_{e_{4,5}, \, \neg e_{5,6}} \lor e_{3,6}$$

$$4391. \ \, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}}, e_{3,5} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor t_{\neg e_{4,5},\, \neg e_{5,6}} \vdash \neg t_{\neg e_{3,5},\, e_{3,6}} \lor t_{\neg e_{4,5},\, \neg e_{5,6}} \lor e_{3,6} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor t_{\neg e_{4,5},\, \neg e_{5,6}} \lor t_{\neg e_{4,$$

$$4392. \ \, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}}, e_{3,5} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor t_{e_{4,5},\, e_{5,6}} \vdash \neg t_{\neg e_{3,5},\, e_{3,6}} \lor e_{3,6} \lor t_{e_{4,5},\, e_{5,6}} \lor t_{\neg e_{1,5},\, e_{2,5}}$$

$$4393. \ \, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}}, e_{3,5} \lor t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{4,5},\, \neg e_{5,6}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{3,5},\, e_{3,6}} \lor t_{\neg e_{4,5},\, \neg e_{5,6}} \lor e_{3,6} \lor e_{3,6}$$

$$4394. \ \, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}}, e_{3,5} \lor t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{4,5},\, e_{5,6}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{3,5},\, e_{3,6}} \lor e_{3,6} \lor t_{e_{4,5},\, e_{5,6}} \lor t_{e_{4,5},\,$$

$$4395. \ \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5}, \, e_{3,6}}, e_{3,5} \lor t_{e_{1,5}, \, e_{2,5}} \lor t_{\neg e_{4,5}, \, e_{5,6}} \vdash \neg t_{\neg e_{3,5}, \, e_{3,6}} \lor t_{e_{1,5}, \, e_{2,5}} \lor e_{3,6} \lor t_{\neg e_{4,5}, \, e_{5,6}} \lor t_{\neg e_{4,5}, \, e_{5,6}} \lor t_{\neg e_{4,5}, \, e_{5,6}} \lor t_{\neg e_{3,5}, \, e_{3,6}} \lor t_{\neg e_{4,5}, \, e_{5,6}} \lor t_{\neg e_{4,5}, \, e_{5,6}}$$

$$4396. \ \, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}}, e_{3,5} \lor t_{e_{1,5},\, e_{2,5}} \lor t_{e_{4,5},\, \neg e_{5,6}} \vdash \neg t_{\neg e_{3,5},\, e_{3,6}} \lor t_{e_{1,5},\, e_{2,5}} \lor t_{e_{4,5},\, \neg e_{5,6}} \lor e_{3,6} \lor t_{e_{4,5},\, \neg e_{5,6}} \lor t_{e_{4,5},\, \neg e$$

$$4397. \ \, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}}, \neg e_{3,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{4,6},\, \neg e_{5,6}} \vdash \neg t_{\neg e_{3,5},\, e_{3,6}} \lor t_{\neg e_{4,6},\, \neg e_{5,6}} \lor \neg e_{3,5} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \lor \neg e_{3,5} \lor$$

$$4398. \ \, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}}, \neg e_{3,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \lor t_{e_{4,6},\, e_{5,6}} \vdash t_{e_{4,6},\, e_{5,6}} \lor \neg t_{\neg e_{3,5},\, e_{3,6}} \lor \neg e_{3,5} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \lor \neg e_{3,6} \lor \neg e_$$

$$4399. \ \, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}}, \neg e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, e_{5,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, e_{5,6}} \lor \neg t_{\neg e_{3,5},\, e_{3,6}} \lor \neg e_{3,5}$$

$$4400. \ \, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}}, \neg e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{4,6},\, \neg e_{5,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{3,5},\, e_{3,6}} \lor t_{e_{4,6},\, \neg e_{5,6}} \lor \neg e_{3,5}$$

$$4401. \ \, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}}, \neg e_{3,6} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{4,6},\, e_{5,6}} \vdash t_{\neg e_{4,6},\, e_{5,6}} \lor \neg t_{\neg e_{3,5},\, e_{3,6}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor \neg e_{3,5}$$

$$4402. \ \, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5}, \, e_{3,6}}, \neg e_{3,6} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{4,6}, \, \neg e_{5,6}} \vdash \neg t_{\neg e_{3,5}, \, e_{3,6}} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{4,6}, \, \neg e_{5,6}} \lor \neg e_{3,5}$$

$$4403. \ \, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}}, \neg e_{3,6} \lor t_{e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, \neg e_{5,6}} \vdash \neg t_{\neg e_{3,5},\, e_{3,6}} \lor t_{\neg e_{4,6},\, \neg e_{5,6}} \lor \neg e_{3,5} \lor t_{e_{1,6},\, e_{2,6}} \lor \neg e_{3,5} \lor \neg e_{3,6} \lor \neg e_{3,5} \lor \neg e_{3,6} \lor \neg e_$$

$$4404. \ \, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}}, \neg e_{3,6} \lor t_{e_{1,6},\, e_{2,6}} \lor t_{e_{4,6},\, e_{5,6}} \vdash t_{e_{4,6},\, e_{5,6}} \lor \neg t_{\neg e_{3,5},\, e_{3,6}} \lor \neg e_{3,5} \lor t_{e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{3,5},\, e_{3,6}} \lor \neg t_{\neg e_{3,5},\,$$

$$4405. \ e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \vdash \neg e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}}$$

4406.
$$e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}}$$

$$4407. \ e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5}, e_{3,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5}, e_{3,6}} \lor e_{3,6}$$

4408.
$$e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}}$$

$$4409. \ e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5}, e_{3,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5}, e_{3,6}} \lor e_{3,6}$$

4410.
$$e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,5} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$4411. \ e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \vdash \neg e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \lor \neg t_{\neg e_{3,6}, \neg e_{3,6}} \lor \neg t_{\neg e_{3,6}} \lor \neg t_{\neg e_{3,6}, \neg e_{3,6}} \lor \neg t_{$$

4412.
$$e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,5} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

4413.
$$e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5}, e_{3,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5}, e_{3,6}} \lor e_{3,6}$$

$$4414. \ e_{3,5} \lor t_{\lnot e_{1,3}, \lnot e_{2,3}}, \lnot e_{3,5} \lor t_{e_{1,3}, \lnot e_{2,3}} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,3}, \lnot e_{2,3}}$$

$$4415. \ e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \vdash \neg e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}}$$

4416.
$$e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,5} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}}$$

$$4417. \ e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \vdash \neg e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \lor \neg t_{\neg e_{3,6}, \neg e_{3,6}} \lor \neg t_{\neg e_{3,6}} \lor \neg t_{\neg e_{3,6}, \neg e_{3,6}} \lor \neg t_{$$

4418.
$$e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,5} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}}$$

$$4419. \ e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5}, e_{3,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5}, e_{3,6}} \lor e_{3,6}$$

- 4420. $e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,5} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}}$
- $4421. \ e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,5} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{4,5}, \neg e_{5,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{4,5}, \neg e_{5,6}} \lor t_{\neg e_{4,5}, \neg e_{5,6}} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,5}, \neg e$
- $4422. \ e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,5} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{e_{4,5}, e_{5,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{e_{4,5}, e_{5,6}}$
- $4423. \ e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,5} \lor t_{\neg e_{1,5}, e_{2,5}} \lor t_{\neg e_{4,5}, e_{5,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{4,5}, e_{5,6}} \lor t_{\neg e_{1,5}, e_{2,5}}$
- $4424. \ e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,5} \lor t_{\neg e_{1,5}, e_{2,5}} \lor t_{e_{4,5}, \neg e_{5,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{4,5}, \neg e_{5,6}} \lor t_{\neg e_{1,5}, e_{2,5}}$
- $4425. \ e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,5} \lor t_{e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{4,5}, e_{5,6}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{4,5}, e_{5,6}}$
- $4426. \ e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,5} \lor t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{4,5}, \neg e_{5,6}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{4,5}, \neg e_{5,6}}$
- $4427. \ e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,5} \lor t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{4,5}, \neg e_{5,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{4,5}, \neg e_{5,6}}$
- $4428. \ e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,5} \lor t_{e_{1,5}, e_{2,5}} \lor t_{e_{4,5}, e_{5,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,5}, e_{2,5}} \lor t_{e_{4,5}, e_{5,6}}$
- 4429. $\neg e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}}$
- 4430. $\neg e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5}, e_{3,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor e_{3,5} \lor \neg t_{e_{3,5}, e_{3,6}}$
- $4431. \ \neg e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5}, e_{3,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5}, e_{3,6}} \lor \neg e_{3,5}$
- 4432. $\neg e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}}$
- $4433. \ \, \neg e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5}, e_{3,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5}, e_{3,6}} \lor \neg e_{3,5}$
- $4434. \ \, \neg e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,6} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$
- 4435. $\neg e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,6} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$
- $4436. \ \neg e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5}, e_{3,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor e_{3,5} \lor \neg t_{e_{3,5}, e_{3,6}}$
- $4437. \ \neg e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5}, e_{3,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5}, e_{3,6}} \lor \neg e_{3,5}$
- $4438. \ \, \neg e_{3,6} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}}, e_{3,6} \lor t_{e_{1,3}, \, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor t_{e_{1,3}, \, \neg e_{2,3}}$
- 4439. $\neg e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,6} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}}$
- 4440. $\neg e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5}, e_{3,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor e_{3,5} \lor \neg t_{e_{3,5}, e_{3,6}}$
- 4441. $\neg e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,6} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, e_{2,3}}$
- $4442. \ \, \neg e_{3,6} \lor t_{\neg e_{1,3},\, \neg e_{2,3}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5},\, e_{3,6}} \vdash t_{\neg e_{1,3},\, \neg e_{2,3}} \lor e_{3,5} \lor \neg t_{e_{3,5},\, e_{3,6}}$
- $4443. \ \, \neg e_{3,6} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5}, \, e_{3,6}} \vdash t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5}, \, e_{3,6}} \lor \neg e_{3,5}$
- $4444. \ \, \neg e_{3,6} \lor t_{\neg e_{1,3},\, \neg e_{2,3}}, e_{3,6} \lor t_{e_{1,3},\, e_{2,3}} \vdash t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,3},\, e_{2,3}}$
- $4445. \ \neg e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{4,6}, e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$
- $4446. \ \neg e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$

$$4447. \ \neg e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{4,6}, \neg e_{5,6}}$$

$$4448. \ \, \neg e_{3,6} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}}, e_{3,6} \lor t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{e_{4,6}, \, e_{5,6}} \vdash t_{e_{4,6}, \, e_{5,6}} \lor t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}}$$

$$4449. \ \neg e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}}$$

$$4450. \ \, \neg e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, e_{5,6}} \vdash t_{e_{4,6}, e_{5,6}} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor$$

$$4451. \ \, \neg e_{3,6} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}}, e_{3,6} \lor t_{e_{1,6}, \, e_{2,6}} \lor t_{\neg e_{4,6}, \, e_{5,6}} \vdash t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor t_{\neg e_{4,6}, \, e_{5,6}} \lor t_{e_{1,6}, \, e_{2,6}} \lor$$

$$4452. \ \, \neg e_{3,6} \lor t_{\neg e_{1,3},\, \neg e_{2,3}}, e_{3,6} \lor t_{e_{1,6},\, e_{2,6}} \lor t_{e_{4,6},\, \neg e_{5,6}} \vdash t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{e_{4,6},\, \neg e_{5,6}} \lor t_{e_{1,6},\, e_{2,6}} \lor t_{e_{4,6},\, \neg e_{5,6}} \lor t_{e_{4,6}$$

$$4453. \ e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, e_{3,6}}, \neg e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, \neg e_{3,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, \neg e_{3,6}} \lor t_{\neg e_{3,5}, e_{3,6}} \lor t_{\neg$$

$$4454. \ \ e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, e_{3,6}}, \neg e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{3,5}, e_{3,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{3,5}, e_{3,6}} \lor t_{\neg e_{3,5}, e_{3,6}} \lor t_{\neg e_{3,5$$

$$4455. \ e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, e_{3,6}}, \neg e_{3,4} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{\neg e_{3,5}, e_{3,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{\neg e_{3,5}, e_{3,6}} \lor t_{\neg e_{3,5$$

$$4456. \ \ e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, e_{3,6}}, \neg e_{3,4} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{3,5}, \neg e_{3,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{\neg e_{3,5}, e_{3,6}} \lor t_{e_{3,5}, \neg e_{3,6}} \lor t_{e_{3,5}, \neg e_{3,6}} \lor t_{\neg e_{3,5}, e_{3,6}} \lor t_{\neg e_{3$$

$$4457. \ e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, e_{3,6}}, \neg e_{3,4} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, e_{3,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, e_{3,6}}$$

$$4458. \ \ e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, e_{3,6}}, \neg e_{3,4} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{3,5}, \neg e_{3,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, e_{3,6}} \lor t_{e_{3,5}, \neg e_{3,6}} \lor t_{e_{3,5}, \neg e_{3,6}} \lor t_{\neg e_{3,5}, \neg e_{3,6}} \lor t_$$

$$4459. \ e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, e_{3,6}}, \neg e_{3,4} \lor t_{e_{1,3}, e_{2,3}} \lor t_{\neg e_{3,5}, \neg e_{3,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, \neg e_{3,6}} \lor t_{\neg e_{3,5}, e_{3,6}} \lor t_{e_{1,3}, e_{2,3}} \lor t_{\neg e_{3,5}, \neg e_{3,6}} \lor t_{\neg e_{3,5}, e_{3,6}} \lor t_{\neg e_{3$$

$$4460. \ \ e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, \, e_{3,6}}, \neg e_{3,4} \lor t_{e_{1,3}, \, e_{2,3}} \lor t_{e_{3,5}, \, e_{3,6}} \vdash t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor t_{e_{3,5}, \, e_{3,6}} \lor t_{\neg e_{3,5}, \, e_{3,6}} \lor t_{e_{1,3}, \, e_{2,3}} \lor t_{e_{1,3}, \, e_{2,3}} \lor t_{e_{3,5}, \, e_{3,6}} \lor t_{\neg e_{3,5}, \, e_{3,6}}$$

$$4461. \ \ e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, e_{3,6}}, \neg e_{3,4} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{4,5}, \neg e_{4,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, e_{3,6}} \lor t_{\neg e_{4,5}, \neg e_{4,6}} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{4,5}, \neg e_{4,6}} \lor t_{\neg e_{4,5}, \neg e_{$$

$$4462. \ e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, e_{3,6}}, \neg e_{3,4} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \lor t_{e_{4,5}, e_{4,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, e_{3,6}} \lor t_{e_{4,5}, e_{4,6}} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{3,5}, e_{3,6}} \lor t_{\neg e_{3$$

$$4463. \ e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, e_{3,6}}, \neg e_{3,4} \lor t_{\neg e_{1,4}, e_{2,4}} \lor t_{\neg e_{4,5}, e_{4,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{4,5}, e_{4,6}} \lor t_{\neg e_{3,5}, e_{3,6}} \lor t_{\neg e_{1,4}, e_{2,4}} \lor t_{\neg e_{1,4}, e_{2,4}} \lor t_{\neg e_{4,5}, e_{4,6}} \lor t_{\neg e_{4,5}, e_{4,6}} \lor t_{\neg e_{3,5}, e_{3,6}} \lor t_{\neg e_{1,4}, e_{2,4}} \lor t_{\neg e_{4,5}, e_{4,6}} \lor t_{\neg e_{4,5$$

$$4464. \ e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, e_{3,6}}, \neg e_{3,4} \lor t_{\neg e_{1,4}, e_{2,4}} \lor t_{e_{4,5}, \neg e_{4,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{4,5}, \neg e_{4,6}} \lor t_{\neg e_{3,5}, e_{3,6}} \lor t_{\neg e_{1,4}, e_{2,4}} \lor t_{e_{4,5}, \neg e_{4,6}} \lor t_{e_{4,5},$$

$$4465. \ e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, e_{3,6}}, \neg e_{3,4} \lor t_{e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{4,5}, e_{4,6}} \vdash t_{e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{4,5}, e_{4,6}} \lor t_{\neg e_{3,5}, e_{3,6}}, \neg e_{3,6} \lor t_{\neg e_{3,5}, e_{3,6}} \lor t_{\neg e_{3,5}, e_{3,6}}, \neg e_{3,6} \lor t_{\neg e_{3,5}, e_{3,6}} \lor t_{\neg e_{3,5}, e_{3,6}}, \neg e_{3,6} \lor t_{\neg e_{3,5}, e_{3,6}}$$

$$4466. \ \ e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, e_{3,6}}, \neg e_{3,4} \lor t_{e_{1,4}, \neg e_{2,4}} \lor t_{e_{4,5}, \neg e_{4,6}} \vdash t_{e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{4,5}, \neg e_{4,6}} \lor t_{\neg e_{3,5}, e_{3,6}}, \neg e_{3,6} \lor t_{\neg e_{3,5}, e_{3,6}} \lor t_{\neg e_{3,5}, e_{3,6}}$$

$$4467. \ e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, e_{3,6}}, \neg e_{3,4} \lor t_{e_{1,4}, e_{2,4}} \lor t_{\neg e_{4,5}, \neg e_{4,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,4}, e_{2,4}} \lor t_{\neg e_{3,5}, e_{3,6}} \lor t_{\neg e_{4,5}, \neg e_{4,6}}$$

$$4468. \ e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, e_{3,6}}, \neg e_{3,4} \lor t_{e_{1,4}, e_{2,4}} \lor t_{e_{4,5}, e_{4,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,4}, e_{2,4}} \lor t_{\neg e_{3,5}, e_{3,6}} \lor t_{e_{4,5}, e_{4,6}}$$

$$4469. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3}, \, \neg e_{2,3}}, e_{1,2} \vee e_{1,3} \vee \neg t_{e_{1,2}, \, e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \vee \neg e_{2,3} \vee \neg t_{e_{1,2}, \, e_{1,3}} \vee e_{1,2}$$

$$4470. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,2} \lor e_{1,3} \lor \neg t_{e_{1,2}, e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, e_{1,3}} \lor e_{1,2}$$

$$4471. \ \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,2} \lor e_{1,3} \lor \neg t_{e_{1,2}, e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, e_{1,3}} \lor e_{1,2}$$

$$4472. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,2} \vee e_{1,3} \vee \neg t_{e_{1,2}, e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vee \neg e_{2,3} \vee \neg t_{e_{1,2}, e_{1,3}} \vee e_{1,2}$$

$$4473. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$4474. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$4475. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3}, \, \neg e_{2,3}}, e_{1,3} \vee t_{e_{1,2}, \, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \vee \neg e_{2,3} \vee t_{e_{1,2}, \, \neg e_{1,3}}$$

$$4476. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$4477. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \lor e_{1,3} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \lor \neg e_{2,3} \lor \neg e_{2,4} \lor \neg e_$$

$$4478. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \vee e_{1,3} \vee \neg t_{\neg e_{1,2}, e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vee \neg e_{1,2} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,2}, e_{1,3}} \vee \neg e_{2,3} \vee \neg e_{2,4} \vee \neg e_$$

$$4479. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \vee e_{1,3} \vee \neg t_{\neg e_{1,2}, e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vee \neg e_{1,2} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,2}, e_{1,3}} \vee \neg e_{2,3} \vee \neg e_{2,4} \vee \neg e_$$

$$4480. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \lor e_{1,3} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{1,3}}$$

$$4481. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$4482. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$4483. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$4484. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$4485. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$4486. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$4487. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$4488. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2},$$

$$4489. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{1,2} \lor \neg$$

$$4490. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{1,2} \lor \neg e_{1,2} \lor \neg e_{1,3} \lor \neg e_$$

$$4491. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \vee e_{2,3} \vee \neg t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{1,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vee \neg e_{1,2} \vee \neg t_{\neg e_{1,2}, e_{2,3}} \vee \neg e_{1,2} \vee \neg e_{1,2} \vee \neg e_{1,3} \vee \neg e_$$

$$4492. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{1,2} \lor \neg e_{1,2} \lor \neg e_{1,2} \lor \neg e_{1,3} \lor \neg e_$$

$$4493. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{2,3} \vee t_{e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vee t_{e_{1,2}, \neg e_{2,3}} \vee t_{e_$$

$$4494. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_$$

$$4495. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_$$

$$4496. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$4497. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, e_{2,3}} \lor e_{1,2} \lor e_{1,2} \lor e_{2,3} \lor e_{1,2} \lor e_{2,3} \lor$$

$$4498. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, e_{2,3}} \lor e_{1,2} \lor e_{1,2} \lor e_{2,3} \lor e_{1,2} \lor e_{2,3} \lor$$

$$4499. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,2} \vee e_{2,3} \vee \neg t_{e_{1,2}, e_{2,3}} \vdash \neg e_{1,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vee \neg t_{e_{1,2}, e_{2,3}} \vee e_{1,2}$$

$$4500. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,2} \vee e_{2,3} \vee \neg t_{e_{1,2}, e_{2,3}} \vdash \neg e_{1,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vee \neg t_{e_{1,2}, e_{2,3}} \vee e_{1,2}$$

4501.
$$\neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor e_{3,5} \lor \neg e_{2,3}$$

$$4502. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3},\, \neg e_{2,3}}, e_{3,6} \vee t_{\neg e_{1,3},\, \neg e_{2,3}} \vdash \neg e_{1,3} \vee \neg e_{2,3} \vee e_{3,6}$$

$$4503. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, \neg e_{3,6}} \vdash \neg e_{1,3} \lor \neg e_{3,4} \lor \neg e_{2,3} \lor t_{\neg e_{3,5}, \neg e_{3,6}} \lor \neg e_{3,4} \lor \neg e_{3,4} \lor \neg e_{3,5}, \neg e_{3,6} \lor \neg e_{$$

$$4504. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3},\, \neg e_{2,3}}, \neg e_{3,5} \vee t_{\neg e_{1,3},\, \neg e_{2,3}} \vdash \neg e_{1,3} \vee \neg e_{2,3} \vee \neg e_{3,5}$$

$$4505. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3},\, \neg e_{2,3}}, \neg e_{3,6} \vee t_{\neg e_{1,3},\, \neg e_{2,3}} \vdash \neg e_{1,3} \vee \neg e_{3,6} \vee \neg e_{2,3}$$

$$4506. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{3,5}, e_{3,6}} \vdash \neg e_{1,3} \lor \neg e_{3,4} \lor t_{e_{3,5}, e_{3,6}} \lor \neg e_{2,3}$$

$$4507. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3},\, \neg e_{2,3}}, e_{3,5} \vee t_{\neg e_{1,3},\, \neg e_{2,3}} \vdash \neg e_{1,3} \vee e_{3,5} \vee \neg e_{2,3}$$

$$4508. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,6} \vee t_{\neg e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,3} \vee \neg e_{3,6} \vee \neg e_{2,3}$$

$$4509. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, e_{3,6}} \vdash \neg e_{1,3} \lor \neg e_{2,3} \lor t_{\neg e_{3,5}, e_{3,6}} \lor e_{3,4}$$

$$4510. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3}, \, \neg e_{2,3}}, \neg e_{3,5} \vee t_{\neg e_{1,3}, \, \neg e_{2,3}} \vdash \neg e_{1,3} \vee \neg e_{2,3} \vee \neg e_{3,5}$$

$$4511. \ \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg e_{2,3} \lor e_{3,6}$$

$$4512. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{3,5}, \neg e_{3,6}} \vdash \neg e_{1,3} \lor \neg e_{2,3} \lor e_{3,4} \lor t_{e_{3,5}, \neg e_{3,6}} \lor e_{3,4} \lor e_{3,5}, e_{3,6} \lor e$$

$$4513. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \lor \neg$$

$$4514. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$4515. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \lor \neg$$

$$4516. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$4517. \ \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \lor \neg t_$$

$$4518. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$4519. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \lor \neg$$

$$4520. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$4521. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \lor \neg$$

$$4522. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_$$

$$4523. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3}, \, \neg e_{2,3}}, e_{1,3} \vee \neg e_{2,3} \vee \neg t_{e_{1,3}, \, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \vee \neg e_{2,3} \vee \neg t_{e_{1,3}, \, \neg e_{2,3}} \vee \neg e_{2,3} \vee \neg e_{2,3$$

$$4524. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_$$

$$4525. \ \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_$$

$$4526. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_$$

$$4527. \ \, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \lor \neg$$

$$4528. \ \, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}}, e_{2,3} \vee t_{e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vee t_{e_{1,3}, \neg e_{2,3}} \vee t_{e_$$

4529.
$$e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}}$$

$$4530. \ e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}}$$

4531.
$$e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}}$$

4532.
$$e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}}$$

$$4533. \ e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{1,2}$$

$$4534. \ e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{1,2}$$

$$4535. \ e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{1,2}$$

$$4536. \ e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{1,2}$$

$$4537. \ e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{1,3}}$$

$$4538. \ \ e_{1,3} \lor t_{\lnot e_{1,3}, \lnot e_{2,3}}, \lnot e_{1,3} \lor t_{\lnot e_{1,2}, \, e_{1,3}} \vdash t_{\lnot e_{1,3}, \, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, \, e_{1,3}}$$

$$4539. \ e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{1,3}}$$

4540.
$$e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{1,3}}$$

$$4541. \ e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$4542. \ e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$4543. \ e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$4544. \ e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$4545. \ e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3}$$

$$4546. \ e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3}$$

$$4547. \ e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3}$$

$$4548. \ e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3}$$

$$4549. \ \ e_{1,3} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, \, e_{2,3}} \vdash t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3}, \, e_{2,3}} \lor e_{2,3}$$

$$4550. \ \ e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \lor e_{2,3}$$

$$4551. \ e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \lor e_{2,3}$$

$$4552. \ e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \lor e_{2,3}$$

4553.
$$e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}}$$

4554.
$$e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}}$$

4555.
$$e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}}$$

$$4556. \ e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}}$$

4557.
$$e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, e_{2,3}}$$

4558.
$$e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, e_{2,3}}$$

4559.
$$e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, e_{2,3}}$$

4560.
$$e_{1,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, e_{2,3}}$$

$$4561. \ e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \neg e_{2,$$

$$4562. \ e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \neg e_{2,$$

$$4563. \ e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \neg e_{2,$$

$$4564. \ \ e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \neg e_{$$

$$4565. \ e_{2,3} \lor t_{\neg e_{1,3},\, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,3},\, \neg e_{2,3}}$$

4566.
$$e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}}$$

4567.
$$e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}}$$

4568.
$$e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}}$$

$$4569. \ e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$4570. \ e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$4571. \ e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$4572. \ e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$4573. \ e_{2,3} \lor t_{\lnot e_{1,3}, \lnot e_{2,3}}, \lnot e_{2,3} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{\lnot e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

4574.
$$e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

4575.
$$e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

$$4576. \ e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

$$4577. \ e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, \neg$$

$$4578. \ e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, \neg$$

$$4579. \ e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}}$$

$$4580. \ e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, \neg$$

4581.
$$e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

4582.
$$e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

4583.
$$e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

4584.
$$e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$4585. \ \ e_{2,3} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}}, e_{1,3} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor \neg t_{e_{1,3}, \, \neg e_{2,3}} \lor e_{1,3}$$

$$4586. \ e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}$$

$$4587. \ e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{1,3} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}$$

$$4588. \ \ e_{2,3} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}}, e_{1,3} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor \neg t_{e_{1,3}, \, \neg e_{2,3}} \lor e_{1,3}$$

$$4589. \ \ e_{2,3} \lor t_{\lnot e_{1,3}, \lnot e_{2,3}}, \lnot e_{2,3} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{e_{1,3}, e_{2,3}} \lor t_{\lnot e_{1,3}, \lnot e_{2,3}}$$

$$4590. \ e_{2,3} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,3}, \, e_{2,3}} \vdash t_{e_{1,3}, \, e_{2,3}} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}}$$

4591.
$$e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}}$$

4592.
$$e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}}$$

$$4593. \ e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5}, \neg e_{3,6}}, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \vdash \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \lor \neg t_{e_{3,5}, \neg e_{3,6}} \lor \neg t_{e_{3,5}, \neg e_{3,6}} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \lor \neg t_{\neg e_{3,6}, \neg e_{3,6}} \lor \neg t_{\neg e_{3,6$$

$$4594. \ e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5}, \neg e_{3,6}}, e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor e_{3,5} \lor \neg t_{e_{3,5}, \neg e_{3,6}}$$

$$4595. \ e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5}, \neg e_{3,6}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5}, e_{3,6}} \vdash e_{3,5} \lor \neg t_{e_{3,5}, e_{3,6}} \lor \neg t_{e_{3,5}, \neg e_$$

$$4596. \ e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5}, \neg e_{3,6}}, \neg e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash \neg e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{3,5}, \neg e_{3,6}}$$

$$4597. \ e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5}, \neg e_{3,6}}, \neg e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash \neg e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{3,5}, \neg e_{3,6}}, \neg e_{3,6} \lor t_{\neg e_{3,6}, \neg e_{3,6}} \lor \neg t_{\neg e_{3,6}, \neg e_{3,6}}, \neg e_{3,6} \lor t_{\neg e_{3,6}, \neg e_{$$

$$4598. \ e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5}, \neg e_{3,6}}, e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor e_{3,5} \lor \neg t_{e_{3,5}, \neg e_{3,6}}, e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \lor e_{3,5} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,6} \lor e_{3,5} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,6} \lor e_{3,5} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,6} \lor e_{3,5} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,6} \lor e_{3,5} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,6} \lor e_{3,5} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,6} \lor e_{3,5} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,6} \lor e_{3,5} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}}, e_{3,6} \lor e_{3,$$

$$4599. \ \ e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5}, \neg e_{3,6}}, e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{3,5}, \neg e_{3,6}} \vdash \neg e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor e_{3,5} \lor e_{3,4}$$

$$4600. \ \ e_{3,5} \lor \lnot e_{3,6} \lor \lnot t_{e_{3,5}, \lnot e_{3,6}}, \lnot e_{3,5} \lor t_{\lnot e_{1,3}, e_{2,3}} \vdash \lnot e_{3,6} \lor t_{\lnot e_{1,3}, e_{2,3}} \lor \lnot t_{e_{3,5}, \lnot e_{3,6}}, \lnot e_{3,6} \lor t_{\lnot e_{1,3}, e_{2,3}} \lor \lnot t_{e_{3,5}, \lnot e_{3,6}}, \lnot e_{3,6} \lor t_{\lnot e_{1,3}, e_{2,3}} \lor \lnot t_{e_{3,5}, \lnot e_{3,6}}, \lnot e_{3,6} \lor t_{\lnot e_{1,3}, e_{2,3}} \lor \lnot t_{e_{3,5}, \lnot e_{3,6}}, \lnot e_{3,6} \lor t_{\lnot e_{1,3}, e_{2,3}} \lor \lnot t_{e_{3,5}, \lnot e_{3,6}}, \lnot e_{3,6} \lor t_{\lnot e_{1,3}, e_{2,3}} \lor \lnot t_{e_{3,5}, \lnot e_{3,6}}, \lnot e_{3,6} \lor t_{\lnot e_{1,3}, e_{2,3}} \lor \lnot t_{e_{3,5}, \lnot e_{3,6}}, \lnot e_{3,6} \lor t_{\lnot e_{1,3}, e_{2,3}} \lor \lnot t_{e_{3,5}, \lnot e_{3,6}}, \lnot e_{3,6} \lor t_{\lnot e_{3,5}, \lnot e_{3,6}}, \lnot e_{3,6} \lor t_{\lnot e_{3,6}, \lnot e_{3,6}}, \lnot e_{3,6} \lor t_{\lnot e_{3,6}}, \lnot e_{3,6} \lor t_{\lnot e_{3,6}, \lnot e_{3,6}}, \lnot e_{3,6} \lor$$

$$4601. \ \ e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5}, \neg e_{3,6}}, e_{3,6} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash e_{3,5} \lor t_{\neg e_{1,3}, e_{2,3}} \lor \neg t_{e_{3,5}, \neg e_{3,6}}$$

$$4602. \ e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5}, \neg e_{3,6}}, \neg e_{3,4} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{3,5}, \neg e_{3,6}} \vdash \neg e_{3,6} \lor \neg e_{3,4} \lor e_{3,5} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$4603. \ e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5}, \neg e_{3,6}}, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \vdash \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \lor \neg t_{e_{3,5}, \neg e_{3,6}} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \lor \neg t_{\neg e_{3,6}, \neg e_{3,6}} \lor \neg t_{\neg e_{3$$

$$4604. \ e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5}, \neg e_{3,6}}, e_{3,6} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash e_{3,5} \lor t_{\neg e_{1,3}, e_{2,3}} \lor \neg t_{e_{3,5}, \neg e_{3,6}}$$

$$4605. \ e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5}, \neg e_{3,6}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5}, e_{3,6}} \vdash e_{3,5} \lor \neg t_{e_{3,5}, e_{3,6}} \lor \neg t_{e_{3,5}, \neg e_$$

$$4606. \ \ e_{3,5} \lor \lnot e_{3,6} \lor \lnot t_{e_{3,5}, \lnot e_{3,6}}, \lnot e_{3,5} \lor t_{\lnot e_{1,3}, e_{2,3}} \vdash \lnot e_{3,6} \lor t_{\lnot e_{1,3}, e_{2,3}} \lor \lnot t_{e_{3,5}, \lnot e_{3,6}}$$

$$4607. \ e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5}, \neg e_{3,6}}, \neg e_{3,5} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash \neg e_{3,6} \lor t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{3,5}, \neg e_{3,6}}$$

$$4608. \ e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5}, \neg e_{3,6}}, e_{3,6} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor e_{3,5} \lor \neg t_{e_{3,5}, \neg e_{3,6}}$$

$$4609. \ \ e_{3,5} \lor \lnot e_{3,6} \lor \lnot t_{e_{3,5}, \lnot e_{3,6}}, \lnot e_{3,4} \lor t_{e_{1,3}, \lnot e_{2,3}} \lor t_{e_{3,5}, \lnot e_{3,6}} \vdash \lnot e_{3,6} \lor \lnot e_{3,4} \lor t_{e_{1,3}, \lnot e_{2,3}} \lor e_{3,5}$$

$$4610. \ \ e_{3,5} \lor \lnot e_{3,6} \lor \lnot t_{e_{3,5}, \lnot e_{3,6}}, \lnot e_{3,5} \lor \lnot e_{3,6} \lor \lnot t_{\lnot e_{3,5}, \lnot e_{3,6}} \vdash \lnot e_{3,6} \lor \lnot t_{\lnot e_{3,5}, \lnot e_{3,6}} \lor \lnot t_{e_{3,5}, \lnot e_{3,6}} \lor t_{e_{3,5},$$

$$4611. \ e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5}, \neg e_{3,6}}, e_{3,6} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor e_{3,5} \lor \neg t_{e_{3,5}, \neg e_{3,6}}$$

$$4612. \ e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5}, \neg e_{3,6}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5}, e_{3,6}} \vdash e_{3,5} \lor \neg t_{e_{3,5}, e_{3,6}} \lor \neg t_{e_{3,5}, \neg e_$$

$$4613. \ e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5},\, \neg e_{3,6}}, \neg e_{3,5} \lor t_{e_{1,3},\, \neg e_{2,3}} \vdash \neg e_{3,6} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{e_{3,5},\, \neg e_{3,6}}$$

$$4614. \ e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5}, \neg e_{3,6}}, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \vdash \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \lor \neg t_{e_{3,5}, \neg e_{3,6}} \lor \neg t_{e_{3,6}, \neg e_{3,6}} \lor \neg t_$$

$$4615. \ e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5}, \neg e_{3,6}}, e_{3,6} \lor t_{e_{1,3}, e_{2,3}} \vdash e_{3,5} \lor t_{e_{1,3}, e_{2,3}} \lor \neg t_{e_{3,5}, \neg e_{3,6}}$$

$$4616. \ \ e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5}, \neg e_{3,6}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5}, e_{3,6}} \vdash e_{3,5} \lor \neg t_{e_{3,5}, e_{3,6}} \lor \neg t_{e_{3,5}, \neg e_{3,6}} \lor \neg t_{e_{3,5}, \neg$$

$$4617. \ e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5}, \neg e_{3,6}}, \neg e_{3,5} \lor t_{e_{1,3}, e_{2,3}} \vdash \neg e_{3,6} \lor \neg t_{e_{3,5}, \neg e_{3,6}} \lor t_{e_{1,3}, e_{2,3}}$$

$$4618. \ e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5}, \neg e_{3,6}}, \neg e_{3,5} \lor t_{e_{1,3}, e_{2,3}} \vdash \neg e_{3,6} \lor \neg t_{e_{3,5}, \neg e_{3,6}} \lor t_{e_{1,3}, e_{2,3}}$$

$$4619. \ e_{3,5} \vee \neg e_{3,6} \vee \neg t_{e_{3,5},\, \neg e_{3,6}}, e_{3,6} \vee t_{e_{1,3},\, e_{2,3}} \vdash e_{3,5} \vee t_{e_{1,3},\, e_{2,3}} \vee \neg t_{e_{3,5},\, \neg e_{3,6}}$$

$$4620. \ \ e_{3,5} \lor \lnot e_{3,6} \lor \lnot t_{e_{3,5}, \lnot e_{3,6}}, e_{3,4} \lor t_{e_{1,3}, e_{2,3}} \lor t_{e_{3,5}, \lnot e_{3,6}} \vdash \lnot e_{3,6} \lor e_{3,5} \lor t_{e_{1,3}, e_{2,3}} \lor e_{3,4}$$

$$4621. \ e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5}, \neg e_{3,6}}, \neg e_{3,5} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{4,5}, \neg e_{5,6}} \vdash \neg e_{3,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor \neg t_{e_{3,5}, \neg e_{3,6}} \lor t_{\neg e_{4,5}, \neg e_{5,6}} \lor \neg e_{3,6} \lor \neg e_{$$

$$4622. \ \ e_{3,5} \lor \lnot e_{3,6} \lor \lnot t_{e_{3,5}, \lnot e_{3,6}}, \lnot e_{3,5} \lor t_{\lnot e_{1,5}, \lnot e_{2,5}} \lor t_{e_{4,5}, e_{5,6}} \vdash \lnot e_{3,6} \lor t_{\lnot e_{1,5}, \lnot e_{2,5}} \lor \lnot t_{e_{3,5}, \lnot e_{3,6}} \lor t_{e_{4,5}, e_{5,6}} \lor \lnot t_{e_{4,5}, e_{5,6}} \lor t_{e_{4,5}, e_{5,6}} \lor \lnot t_{e_{4,5}, e_{5,6}} \lor \lnot t_{e_{4,5}, e_{5,6}} \lor t_{e_{4,5}, e$$

$$4623. \ \ e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5}, \neg e_{3,6}}, \neg e_{3,5} \lor t_{\neg e_{1,5}, \, e_{2,5}} \lor t_{\neg e_{4,5}, \, e_{5,6}} \vdash \neg e_{3,6} \lor \neg t_{e_{3,5}, \neg e_{3,6}} \lor t_{\neg e_{4,5}, \, e_{5,6}} \lor t_{\neg e_{1,5}, \, e_{2,5}}$$

$$4624. \ \ e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5}, \neg e_{3,6}}, \neg e_{3,5} \lor t_{\neg e_{1,5}, e_{2,5}} \lor t_{e_{4,5}, \neg e_{5,6}} \vdash \neg e_{3,6} \lor \neg t_{e_{3,5}, \neg e_{3,6}} \lor t_{e_{4,5}, \neg e_{5,6}} \lor t_{\neg e_{1,5}, e_{2,5}}$$

$$4625. \ e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5}, \neg e_{3,6}}, \neg e_{3,5} \lor t_{e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{4,5}, e_{5,6}} \vdash \neg e_{3,6} \lor t_{e_{1,5}, \neg e_{2,5}} \lor \neg t_{e_{3,5}, \neg e_{3,6}} \lor t_{\neg e_{4,5}, e_{5,6}} \lor \neg e_{3,6} \lor \neg e_{3,6}$$

$$4626. \ e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5}, \neg e_{3,6}}, \neg e_{3,5} \lor t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{4,5}, \neg e_{5,6}} \vdash \neg e_{3,6} \lor t_{e_{1,5}, \neg e_{2,5}} \lor \neg t_{e_{3,5}, \neg e_{3,6}} \lor t_{e_{4,5}, \neg e_{5,6}} \lor \neg e_{3,6} \lor t_{e_{3,5}, \neg e_{3,6}} \lor t_{e_{3,5}, \neg e_{3,6}} \lor t_{e_{3,5}, \neg e_{3,6}} \lor \neg e_{3,6} \lor \neg e_{3,6}$$

$$4627. \ e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5}, \neg e_{3,6}}, \neg e_{3,5} \lor t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{4,5}, \neg e_{5,6}} \vdash \neg e_{3,6} \lor t_{e_{1,5}, e_{2,5}} \lor \neg t_{e_{3,5}, \neg e_{3,6}} \lor t_{\neg e_{4,5}, \neg e_{5,6}} \lor \neg e_{3,6} \lor \neg e_{3,6}$$

$$4628. \ e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5}, \neg e_{3,6}}, \neg e_{3,5} \lor t_{e_{1,5}, e_{2,5}} \lor t_{e_{4,5}, e_{5,6}} \vdash \neg e_{3,6} \lor t_{e_{1,5}, e_{2,5}} \lor \neg t_{e_{3,5}, \neg e_{3,6}} \lor t_{e_{4,5}, e_{5,6}}$$

$$4629. \ e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5}, \neg e_{3,6}}, e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}} \vdash e_{3,5} \lor t_{\neg e_{4,6}, e_{5,6}} \lor \neg t_{e_{3,5}, \neg e_{3,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{3,6}, e_{3,6}} \lor t_{\neg e_{3,$$

$$4630. \ e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5}, \neg e_{3,6}}, e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \vdash e_{3,5} \lor t_{e_{4,6}, \neg e_{5,6}} \lor \neg t_{e_{3,5}, \neg e_{3,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$4631. \ e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5}, \neg e_{3,6}}, e_{3,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor e_{3,5} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg t_{e_{3,5}, \neg e_{3,6}} \lor \neg$$

$$4632. \ e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5}, \neg e_{3,6}}, e_{3,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{4,6}, e_{5,6}} \vdash t_{e_{4,6}, e_{5,6}} \lor t_{\neg e_{1,6}, e_{2,6}} \lor e_{3,5} \lor \neg t_{e_{3,5}, \neg e_{3,6}}, e_{3,6} \lor e_{3,5} \lor \neg t_{e_{3,5}, \neg e_{3,6}} \lor e_{3,5} \lor \neg t_{e_{3,5}, \neg e_{3,6}}, e_{3,6} \lor e_{$$

$$4633. \ e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5}, \neg e_{3,6}}, e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \vdash e_{3,5} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg t_{e_{3,5}, \neg e_{3,6}} \lor \neg$$

$$4634. \ \ e_{3,5} \lor \lnot e_{3,6} \lor \lnot t_{e_{3,5},\lnot e_{3,6}}, e_{3,6} \lor t_{e_{1,6},\lnot e_{2,6}} \lor t_{e_{4,6},e_{5,6}} \vdash t_{e_{4,6},e_{5,6}} \lor e_{3,5} \lor t_{e_{1,6},\lnot e_{2,6}} \lor \lnot t_{e_{3,5},\lnot e_{3,6}} \lor t_{e_{3,5$$

$$4635. \ e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5}, \neg e_{3,6}}, e_{3,6} \lor t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}} \vdash e_{3,5} \lor t_{\neg e_{4,6}, e_{5,6}} \lor \neg t_{e_{3,5}, \neg e_{3,6}} \lor t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{3,5}, \neg e_{3,6}} \lor t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{3,5}, \neg e_{3,6}} \lor t_{e_{3,5}, \neg e_{3$$

$$4636. \ e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5}, \neg e_{3,6}}, e_{3,6} \lor t_{e_{1,6}, e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \vdash e_{3,5} \lor t_{e_{4,6}, \neg e_{5,6}} \lor \neg t_{e_{3,5}, \neg e_{3,6}} \lor t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, e_{2,6}} \lor t_{e_{2,6}, \neg e_{3,6}} \lor t_{e_{3,6}, \neg e_{3,6}}$$

4637.
$$\neg e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}}$$

$$4638. \ \, \neg e_{3,5} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5}, \, e_{3,6}} \vdash t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor \neg t_{e_{3,5}, \, e_{3,6}} \lor e_{3,6} \lor$$

4639.
$$\neg e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}}$$

$$4640. \ \neg e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5}, \neg e_{3,6}} \vdash \neg e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{3,5}, \neg e_{3,6}}$$

4641.
$$\neg e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,5} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$4642. \ \, \neg e_{3,5} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}}, e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5}, \, \neg e_{3,6}} \vdash \neg e_{3,6} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor \neg t_{e_{3,5}, \, \neg e_{3,6}}$$

4643.
$$\neg e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,5} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$4644. \ \, \neg e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5}, e_{3,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{3,5}, e_{3,6}} \lor e_{3,6}$$

$$4645. \ \neg e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,5} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}}$$

$$4646. \ \neg e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5}, \neg e_{3,6}} \vdash \neg e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{3,5}, \neg e_{3,6}}$$

4647.
$$\neg e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,5} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}}$$

$$4648. \ \, \neg e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5}, e_{3,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{3,5}, e_{3,6}} \lor e_{3,6}$$

4649.
$$\neg e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,5} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}}$$

$$4650. \ \, \neg e_{3,5} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5}, \, e_{3,6}} \vdash t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor \neg t_{e_{3,5}, \, e_{3,6}} \lor e_{3,6} \lor$$

$$4651. \ \, \neg e_{3,5} \lor t_{\neg e_{1,3},\, \neg e_{2,3}}, e_{3,5} \lor t_{e_{1,3},\, e_{2,3}} \vdash t_{e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,3},\, \neg e_{2,3}}$$

$$4652. \ \, \neg e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5}, \neg e_{3,6}} \vdash \neg e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{3,5}, \neg e_{3,6}}$$

$$4653. \ \neg e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,5} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{4,5}, e_{5,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{4,5}, e_{5,6}}$$

$$4654. \ \, \neg e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,5} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{e_{4,5}, \neg e_{5,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{e_{4,5}, \neg e_{5,6}}$$

$$4655. \ \neg e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,5} \lor t_{\neg e_{1,5}, e_{2,5}} \lor t_{\neg e_{4,5}, \neg e_{5,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{4,5}, \neg e_{5,6}} \lor t_{\neg e_{1,5}, e_{2,5}}$$

$$4656. \ \, \neg e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,5} \lor t_{\neg e_{1,5}, \, e_{2,5}} \lor t_{e_{4,5}, \, e_{5,6}} \vdash t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor t_{e_{4,5}, \, e_{5,6}} \lor t_{\neg e_{1,5}, \, e_{2,5}}$$

$$4657. \ \neg e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,5} \lor t_{e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{4,5}, \neg e_{5,6}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{4,5}, \neg e_{5,6}}$$

$$4658. \ \, \neg e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,5} \lor t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{4,5}, e_{5,6}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{4,5}, e_{5,6}}$$

$$4659. \ \, \neg e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,5} \lor t_{e_{1,5}, \, e_{2,5}} \lor t_{\neg e_{4,5}, \, e_{5,6}} \vdash t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor t_{e_{1,5}, \, e_{2,5}} \lor t_{\neg e_{4,5}, \, e_{5,6}}$$

$$4660. \ \, \neg e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,5} \lor t_{e_{1,5}, e_{2,5}} \lor t_{e_{4,5}, \neg e_{5,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,5}, e_{2,5}} \lor t_{e_{4,5}, \neg e_{5,6}}$$

$$4661. \ e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \lor \neg e_{3,5}$$

4662.
$$e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}}$$

4663.
$$e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}}$$

$$4664. \ e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5}, \neg e_{3,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor e_{3,5} \lor \neg t_{e_{3,5}, \neg e_{3,6}}$$

4665.
$$e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,6} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$4666. \ e_{3,6} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}}, e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5}, \, \neg e_{3,6}} \vdash t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor e_{3,5} \lor \neg t_{e_{3,5}, \, \neg e_{3,6}}$$

$$4667. \ e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \lor \neg e_{3,5}$$

4668.
$$e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,6} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$4669. \ e_{3,6} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}}, \neg e_{3,6} \lor t_{e_{1,3}, \, \neg e_{2,3}} \vdash t_{e_{1,3}, \, \neg e_{2,3}} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}}$$

$$4670. \ e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5}, \neg e_{3,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor e_{3,5} \lor \neg t_{e_{3,5}, \neg e_{3,6}}$$

$$4671. \ e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \lor \neg e_{3,5}$$

$$4672. \ e_{3,6} \lor t_{\lnot e_{1,3}, \lnot e_{2,3}}, \lnot e_{3,6} \lor t_{e_{1,3}, \lnot e_{2,3}} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,3}, \lnot e_{2,3}}$$

$$4673. \ e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \lor \neg e_{3,5}$$

4674.
$$e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,6} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, e_{2,3}}$$

4675.
$$e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,6} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, e_{2,3}}$$

$$4676. \ \ e_{3,6} \lor t_{\neg e_{1,3}, \ \neg e_{2,3}}, e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5}, \ \neg e_{3,6}} \vdash t_{\neg e_{1,3}, \ \neg e_{2,3}} \lor e_{3,5} \lor \neg t_{e_{3,5}, \ \neg e_{3,6}}$$

$$4677. \ e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e$$

$$4678. \ e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, e_{5,6}} \vdash t_{e_{4,6}, e_{5,6}} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$4679. \ e_{3,6} \lor t_{\neg e_{1,3}}, \neg_{e_{2,3}}, \neg e_{3,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,3}}, \neg_{e_{2,3}} \lor t_{\neg e_{4,6}, e_{5,6}}$$

$$4680. \ e_{3,6} \lor t_{\neg e_{1,3}}, \neg_{e_{2,3}}, \neg e_{3,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{4,6}, \neg e_{5,6}}$$

$$4681. \ e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{4,6}, e_{5,6}} \lor t_{e_{1,6}, \neg e_{2,6}}$$

$$4682. \ e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}}$$

$$4683. \ e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,6} \lor t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{e_{1,6}, e_{2,6}} \lor t_{e_{2,6}, e_{2,6}}$$

$$4684. \ e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}}, \neg e_{3,6} \lor t_{e_{1,6}, e_{2,6}} \lor t_{e_{4,6}, e_{5,6}} \vdash t_{e_{4,6}, e_{5,6}} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,6}, e_{2,6}}$$

$$4685. \ e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{3,5}, \neg e_{3,6}}, \neg e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, \neg e_{3,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, \neg e_{3,6}} \lor t_{e_{3,5}, \neg e_{3,6}} \lor t_{e_$$

$$4686. \ e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{3,5}, \neg e_{3,6}}, \neg e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{3,5}, e_{3,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{3,5}, e_{3,6}} \lor t_{e_{3,5}, \neg e_{3,6}} \lor t_{e_{3,5}, \neg$$

$$4687. \ e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{3,5}, \neg e_{3,6}}, \neg e_{3,4} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{\neg e_{3,5}, e_{3,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{\neg e_{3,5}, e_{3,6}} \lor t_{e_{3,5}, \neg e_{3,6}} \lor t_{e_{3,5},$$

$$4688. \ e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{3,5}, \neg e_{3,6}}, \neg e_{3,4} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{3,5}, \neg e_{3,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{3,5}, \neg e_{3,6}}, \neg e_{3,6} \lor e_{3,6}, \neg e_{$$

$$4689. \ e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{3,5}, \neg e_{3,6}}, \neg e_{3,4} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, e_{3,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, e_{3,6}} \lor t_{e_{3,5}, \neg e_{3,6}}, \neg e_{3,6} \lor e_{3,6}, \neg e_{3,6} \lor e_{3,6}, \neg e_{3,6} \lor e_{3,6}, \neg e_{3,6},$$

$$4690. \ \ e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{3,5}, \neg e_{3,6}}, \neg e_{3,4} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{3,5}, \neg e_{3,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{3,5}, \neg e_{3,6}} \lor t_{e_{3,5$$

$$4691. \ \ e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{3,5}, \neg e_{3,6}}, \neg e_{3,4} \lor t_{e_{1,3}, e_{2,3}} \lor t_{\neg e_{3,5}, \neg e_{3,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{3,5}, \neg e_{3,6}} \lor t_{e_{1,3}, e_{2,3}} \lor t_{e_{3,5}, \neg e_{3,6}} \lor t_{e_{1,3}, e_{2,3}} \lor t_{e_{3,5}, \neg e_{3,6}} \lor t_{e_{1,3}, e_{2,3}} \lor t_{e_{3,5}, \neg e_{3,6}} \lor t_{e_{1,5}, e_{2,5}} \lor t_{e_{3,5}, e_{3,6}} \lor t_{e_{3,5},$$

$$4692. \ \ e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{3,5}, \neg e_{3,6}}, \neg e_{3,4} \lor t_{e_{1,3}, e_{2,3}} \lor t_{e_{3,5}, e_{3,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{3,5}, e_{3,6}} \lor t_{e_{1,3}, e_{2,3}} \lor t_{e_{3,5}, \neg e_{3,6}} \lor t_{e_{3,5}, \neg e_{$$

$$4693. \ \ e_{3,4} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor t_{e_{3,5}, \, \neg e_{3,6}}, \neg e_{3,4} \lor t_{\neg e_{1,4}, \, \neg e_{2,4}} \lor t_{\neg e_{4,5}, \, \neg e_{4,6}} \vdash t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor t_{e_{3,5}, \, \neg e_{3,6}} \lor t_{\neg e_{4,5}, \, \neg e_{4,6}} \lor t_{\neg e_{1,4}, \, \neg e_{2,4}} \lor t_{\neg e_{1,4}, \,$$

$$4694. \ \ e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{3,5}, \neg e_{3,6}}, \neg e_{3,4} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \lor t_{e_{4,5}, e_{4,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{3,5}, \neg e_{3,6}} \lor t_{e_{4,5}, e_{4,6}} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \lor$$

$$4695. \ \ e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{3,5}, \neg e_{3,6}}, \neg e_{3,4} \lor t_{\neg e_{1,4}, e_{2,4}} \lor t_{\neg e_{4,5}, e_{4,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{4,5}, e_{4,6}} \lor t_{e_{3,5}, \neg e_{3,6}} \lor t_{\neg e_{1,4}, e_{2,4}} \lor t_{\neg e_{4,5}, e_{4,6}} \lor t_{\neg e_{4$$

$$4696. \ \ e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{3,5}, \neg e_{3,6}}, \neg e_{3,4} \lor t_{\neg e_{1,4}, e_{2,4}} \lor t_{e_{4,5}, \neg e_{4,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{4,5}, \neg e_{4,6}} \lor t_{e_{3,5}, \neg e_{3,6}} \lor t_{\neg e_{1,4}, e_{2,4}} \lor t_{\neg e_{1$$

$$4697. \ \ e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{3,5}, \neg e_{3,6}}, \neg e_{3,4} \lor t_{e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{4,5}, e_{4,6}} \vdash t_{e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{4,5}, e_{4,6}} \lor t_{e_{3,5}, \neg e_{3,6}}, \neg e_{3,6} \lor t_{e_{3,5}, \neg e_{3,6}} \lor t_{e_{3,5}, \neg e_{3,6}}, \neg e_{3,6} \lor t_{e_{3,5}, \neg e_{3,6}} \lor t_{e_{3,5}, \neg e_{3,6}}, \neg e_{3,6} \lor t_{e_{3,5}, \neg e_{3,6$$

$$4698. \ \ e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{3,5}, \neg e_{3,6}}, \neg e_{3,4} \lor t_{e_{1,4}, \neg e_{2,4}} \lor t_{e_{4,5}, \neg e_{4,6}} \vdash t_{e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{4,5}, \neg e_{4,6}} \lor t_{e_{3,5}, \neg e_{3,6}}, \neg e_{3,6} \lor t_{e_{4,5}, \neg e_{4,6}} \lor t_{e_{4,5}, \neg e_{4,6}}$$

$$4699. \ \ e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{3,5}, \neg e_{3,6}}, \neg e_{3,4} \lor t_{e_{1,4}, e_{2,4}} \lor t_{\neg e_{4,5}, \neg e_{4,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,4}, e_{2,4}} \lor t_{e_{3,5}, \neg e_{3,6}} \lor t_{\neg e_{4,5}, \neg e_{4,6}} \lor$$

$$4700. \ \ e_{3,4} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{3,5}, \neg e_{3,6}}, \neg e_{3,4} \lor t_{e_{1,4}, e_{2,4}} \lor t_{e_{4,5}, e_{4,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,4}, e_{2,4}} \lor t_{e_{3,5}, \neg e_{3,6}} \lor t_{e_{4,5}, e_{4,6}} \lor$$

$$4701. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, e_{1,2} \lor e_{1,3} \lor \neg t_{e_{1,2},\, e_{1,3}} \vdash \neg t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{e_{1,2},\, e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$4702. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\,e_{2,3}}, e_{1,2} \lor e_{1,3} \lor \neg t_{e_{1,2},\,e_{1,3}} \vdash \neg t_{\neg e_{1,3},\,e_{2,3}} \lor \neg t_{e_{1,2},\,e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$4703. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, e_{1,2} \lor e_{1,3} \lor \neg t_{e_{1,2},\, e_{1,3}} \vdash \neg t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{e_{1,2},\, e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$4704. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, e_{1,2} \lor e_{1,3} \lor \neg t_{e_{1,2},\, e_{1,3}} \vdash \neg t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{e_{1,2},\, e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$4705. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, e_{1,3} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3},\, e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$4706. \ \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, \, e_{2,3}}, e_{1,3} \lor t_{e_{1,2}, \, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \, e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2}, \, \neg e_{1,3}}$$

$$4707. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, e_{1,3} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3},\, e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$4708. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, e_{1,3} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3},\, e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$4709. \ \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, \, e_{2,3}}, \neg e_{1,2} \lor e_{1,3} \lor \neg t_{\neg e_{1,2}, \, e_{1,3}} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,3}, \, e_{2,3}} \lor \neg t_{\neg e_{1,2}, \, e_{1,3}} \lor e_{2,3}$$

$$4710. \ \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, \, e_{2,3}}, \neg e_{1,2} \lor e_{1,3} \lor \neg t_{\neg e_{1,2}, \, e_{1,3}} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,3}, \, e_{2,3}} \lor \neg t_{\neg e_{1,2}, \, e_{1,3}} \lor e_{2,3}$$

$$4711. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor e_{1,3} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,3}$$

$$4712. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor e_{1,3} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,3}$$

$$4713. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, e_{1,3} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{2,3}$$

$$4714. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, e_{1,3} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{2,3}$$

$$4715. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, e_{1,3} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{2,3}$$

$$4716. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, e_{1,3} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{2,3}$$

$$4717. \ \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, \, e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg e_{1,2} \lor \neg t_{\neg e_{1,3}, \, e_{2,3}} \lor \neg t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \,$$

$$4718. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg e_{1,2} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg$$

$$4719. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg e_{1,2} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg$$

$$4720. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg e_{1,2} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg$$

$$4721. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$4722. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$4723. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$4724. \ \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$4725. \ \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, \, e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3}, \, e_{2,3}} \lor e_{1,2}$$

$$4726. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor e_{1,2}$$

$$4727. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor e_{1,2}$$

$$4728. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor e_{1,2}$$

$$4729. \ \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,2},\, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}}$$

$$4730. \ \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,2},\, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}}$$

$$4731. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,2},\, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}}$$

$$4732. \ \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,2},\, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}}$$

$$4733. \ \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, \, e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3}, \, e_{2,3}} \lor \neg t$$

$$4734. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, e_{1,3} \lor t_{\neg e_{1,3},\, \neg e_{2,3}} \vdash t_{\neg e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor e_{2,3}$$

$$4735. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,$$

$$4736. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, e_{1,3} \lor t_{\neg e_{1,3},\, \neg e_{2,3}} \vdash t_{\neg e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor e_{2,3}$$

$$4737. \ \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, \, e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3}, \, e_{2,3}} \lor \neg t$$

$$4738. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, e_{1,3} \lor t_{\neg e_{1,3},\, \neg e_{2,3}} \vdash t_{\neg e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor e_{2,3}$$

$$4739. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,$$

$$4740. \ \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, \, e_{2,3}}, e_{1,3} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3}, \, e_{2,3}} \lor e_{2,3}$$

4741.
$$\neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}}, e_{3,5} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash \neg e_{1,3} \lor e_{3,5} \lor e_{2,3}$$

$$4742. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{3,6} \lor t_{\neg e_{1,3},\, e_{2,3}} \vdash \neg e_{1,3} \lor \neg e_{3,6} \lor e_{2,3}$$

$$4743. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{3,4} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{3,5},\, e_{3,6}} \vdash \neg e_{1,3} \lor \neg e_{3,4} \lor t_{\neg e_{3,5},\, e_{3,6}} \lor e_{2,3}$$

$$4744. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{3,5} \lor t_{\neg e_{1,3},\, e_{2,3}} \vdash \neg e_{1,3} \lor \neg e_{3,5} \lor e_{2,3}$$

$$4745. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, e_{3,6} \lor t_{\neg e_{1,3},\, e_{2,3}} \vdash \neg e_{1,3} \lor e_{3,6} \lor e_{2,3}$$

$$4746. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{3,4} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{3,5},\, \neg e_{3,6}} \vdash \neg e_{1,3} \lor \neg e_{3,4} \lor t_{e_{3,5},\, \neg e_{3,6}} \lor e_{2,3}$$

4747.
$$\neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}}, e_{3,5} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash \neg e_{1,3} \lor e_{3,5} \lor e_{2,3}$$

4748.
$$\neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}}, e_{3,6} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash \neg e_{1,3} \lor e_{3,6} \lor e_{2,3}$$

$$4749. \ \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}}, e_{3,4} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{\neg e_{3,5}, \neg e_{3,6}} \vdash \neg e_{1,3} \lor t_{\neg e_{3,5}, \neg e_{3,6}} \lor e_{3,4} \lor e_{2,3}$$

$$4750. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{3,5} \lor t_{\neg e_{1,3},\, e_{2,3}} \vdash \neg e_{1,3} \lor \neg e_{3,5} \lor e_{2,3}$$

4751.
$$\neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}}, \neg e_{3,6} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash \neg e_{1,3} \lor \neg e_{3,6} \lor e_{2,3}$$

$$4752. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, e_{3,4} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{3,5},\, e_{3,6}} \vdash \neg e_{1,3} \lor t_{e_{3,5},\, e_{3,6}} \lor e_{3,4} \lor e_{2,3}$$

$$4753. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, e_{1,3} \lor e_{2,3} \lor \neg t_{e_{1,3},\, e_{2,3}} \vdash \neg t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{e_{1,3},\, e_{2,3}} \lor e_{2,3}$$

$$4754. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,3},\, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,3},\, e_{2,3}}$$

$$4755. \ \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, \, e_{2,3}}, e_{1,3} \lor e_{2,3} \lor \neg t_{e_{1,3}, \, e_{2,3}} \vdash \neg t_{\neg e_{1,3}, \, e_{2,3}} \lor \neg t_{e_{1,3}, \, e_{2,3}} \lor e_{2,3}$$

$$4756. \ \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,3},\, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,3},\, e_{2,3}}$$

$$4757. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, e_{1,3} \lor e_{2,3} \lor \neg t_{e_{1,3},\, e_{2,3}} \vdash \neg t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{e_{1,3},\, e_{2,3}} \lor e_{2,3}$$

$$4758. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,3},\, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,3},\, e_{2,3}} \lor t_{e_{1,3},\, e_{2,3}} \lor t_{e_{2,3}} \lor t_{e_{2,3}}$$

$$4759. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, e_{1,3} \lor e_{2,3} \lor \neg t_{e_{1,3},\, e_{2,3}} \vdash \neg t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{e_{1,3},\, e_{2,3}} \lor e_{2,3}$$

$$4760. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,3},\, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,3},\, e_{2,3}}$$

4761.
$$e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

4762.
$$e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

4763.
$$e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$4764. \ e_{1,3} \lor t_{\lnot e_{1,3},\, e_{2,3}}, \lnot e_{1,3} \lor t_{e_{1,2},\, e_{1,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{\lnot e_{1,3},\, e_{2,3}}$$

$$4765. \ e_{1,3} \lor t_{\neg e_{1,3},\, e_{2,3}}, e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor e_{1,2}$$

$$4766. \ \ e_{1,3} \lor t_{\neg e_{1,3}, \, e_{2,3}}, e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,2}, \, \neg e_{1,3}} \vdash t_{\neg e_{1,3}, \, e_{2,3}} \lor \neg t_{e_{1,2}, \, \neg e_{1,3}} \lor e_{1,2}$$

$$4767. \ e_{1,3} \lor t_{\neg e_{1,3}, \, e_{2,3}}, e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,2}, \, \neg e_{1,3}} \vdash t_{\neg e_{1,3}, \, e_{2,3}} \lor \neg t_{e_{1,2}, \, \neg e_{1,3}} \lor e_{1,2}$$

$$4768. \ e_{1,3} \lor t_{\neg e_{1,3}, \, e_{2,3}}, e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,2}, \, \neg e_{1,3}} \vdash t_{\neg e_{1,3}, \, e_{2,3}} \lor \neg t_{e_{1,2}, \, \neg e_{1,3}} \lor e_{1,2}$$

4769.
$$e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,3} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

4770.
$$e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,3} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

4771.
$$e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,3} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$4772. \ e_{1,3} \lor t_{\lnot e_{1,3}, \, e_{2,3}}, \lnot e_{1,3} \lor t_{\lnot e_{1,2}, \, e_{1,3}} \vdash t_{\lnot e_{1,2}, \, e_{1,3}} \lor t_{\lnot e_{1,3}, \, e_{2,3}}$$

$$4773. \ e_{1,3} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,3},\, e_{2,3}}$$

$$4774. \ e_{1,3} \lor t_{\neg e_{1,3}, \, e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \, \neg e_{1,3}} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor t_{\neg e_{1,3}, \, e_{2,3}}$$

$$4775. \ e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$4776. \ e_{1,3} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,3},\, e_{2,3}}$$

$$4777. \ e_{1,3} \lor t_{\neg e_{1,3}, \, e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,3}, \, e_{2,3}}$$

$$4778. \ e_{1,3} \lor t_{\neg e_{1,3}, \, e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,3}, \, e_{2,3}}$$

$$4779. \ e_{1,3} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,3},\, e_{2,3}}$$

$$4780. \ e_{1,3} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor \neg e_{2,4} \lor t_{\neg e_{1,3},\, e_{2,4}} \lor \neg e_{2,4} \lor t_{\neg e_{1,4},\, e_{2,4}} \lor \neg e_{2,4} \lor \neg e_{2,4} \lor t_{\neg e_{1,4},\, e_{2,4}} \lor \neg e_{2,4} \lor$$

$$4781. \ e_{1,3} \lor t_{\neg e_{1,3}, \, e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, \, e_{2,3}} \vdash \neg t_{\neg e_{1,3}, \, e_{2,3}} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor e_{2,3}$$

$$4782. \ e_{1,3} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \vdash \neg t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor e_{2,3}$$

$$4783. \ e_{1,3} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \vdash \neg t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor e_{2,3}$$

$$4784. \ e_{1,3} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \vdash \neg t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor e_{2,3}$$

$$4785. \ e_{1,3} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,3},\, \neg e_{2,3}} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}}$$

4786.
$$e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

4787.
$$e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$4788. \ e_{1,3} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,3},\, \neg e_{2,3}} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}}$$

4789.
$$e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$4790. \ e_{1,3} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,3},\, e_{2,3}} \vdash t_{e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}}$$

4791.
$$e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

4792.
$$e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

4793.
$$\neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

4794.
$$\neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$4795. \ \, \neg e_{2,3} \lor t_{\neg e_{1,3},\, e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}}$$

4796.
$$\neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$4797. \ \neg e_{2,3} \lor t_{\neg e_{1,3}, \, e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}$$

4798.
$$\neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}}$$

$$4799. \ \neg e_{2,3} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}$$

$$4800. \ \, \neg e_{2,3} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}$$

4801.
$$\neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}}, e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$4802. \ \, \neg e_{2,3} \lor t_{\neg e_{1,3},\, e_{2,3}}, e_{2,3} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}}$$

4803.
$$\neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}}, e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

4804.
$$\neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}}, e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

4805.
$$\neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,2}$$

$$4806. \ \, \neg e_{2,3} \lor t_{\neg e_{1,3},\, e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\, e_{2,3}} \vdash \neg t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor e_{1,2}$$

$$4807. \ \, \neg e_{2,3} \lor t_{\neg e_{1,3},\, e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\, e_{2,3}} \vdash \neg t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor e_{1,2}$$

$$4808. \ \, \neg e_{2,3} \lor t_{\neg e_{1,3},\, e_{2,3}}, e_{1,2} \lor e_{2,3} \lor \neg t_{e_{1,2},\, e_{2,3}} \vdash \neg t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor e_{1,2}$$

4809.
$$\neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

4810.
$$\neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

4811.
$$\neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

4812.
$$\neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}}, e_{2,3} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$4813. \ \, \neg e_{2,3} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{$$

$$4814. \ \, \neg e_{2,3} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{$$

4815.
$$\neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$4816. \ \, \neg e_{2,3} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{$$

4817.
$$\neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}}, e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

4818.
$$\neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}}, e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$4819. \ \, \neg e_{2,3} \lor t_{\neg e_{1,3},\, e_{2,3}}, e_{2,3} \lor t_{e_{1,3},\, \neg e_{2,3}} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}}$$

4820.
$$\neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}}, e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

4821.
$$\neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}}, e_{1,3} \lor e_{2,3} \lor \neg t_{e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3}$$

$$4822. \ \, \neg e_{2,3} \lor t_{\neg e_{1,3},\, e_{2,3}}, e_{1,3} \lor e_{2,3} \lor \neg t_{e_{1,3},\, e_{2,3}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{e_{1,3},\, e_{2,3}} \lor e_{1,3}$$

$$4823. \ \, \neg e_{2,3} \lor t_{\neg e_{1,3},\, e_{2,3}}, e_{1,3} \lor e_{2,3} \lor \neg t_{e_{1,3},\, e_{2,3}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{e_{1,3},\, e_{2,3}} \lor e_{1,3}$$

4824.
$$\neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}}, e_{1,3} \lor e_{2,3} \lor \neg t_{e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3}$$

$$4825. \ \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}}, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5},\, \neg e_{3,6}} \vdash \neg t_{\neg e_{3,5},\, \neg e_{3,6}} \lor \neg t_{\neg e_{3,5},\, e_{3,6}} \lor \neg e_{3,5} \lor \neg e$$

$$4826. \ \, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}}, e_{3,5} \lor t_{\neg e_{1,3},\, \neg e_{2,3}} \vdash t_{\neg e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5},\, e_{3,6}} \lor e_{3,6}$$

$$4827. \ \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5}, \, e_{3,6}}, e_{3,6} \lor e_{3,6} \lor \neg t_{e_{3,5}, \, e_{3,6}} \vdash \neg t_{e_{3,5}, \, e_{3,6}} \lor \neg t_{\neg e_{3,5}, \, e_{3,6}} \lor e_{3,6} \lor e_{$$

$$4828. \ \, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}}, \neg e_{3,6} \lor t_{\neg e_{1,3},\, \neg e_{2,3}} \vdash t_{\neg e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5},\, e_{3,6}} \lor \neg e_{3,5}$$

$$4829. \ \, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}}, e_{3,5} \lor t_{\neg e_{1,3},\, \neg e_{2,3}} \vdash t_{\neg e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5},\, e_{3,6}} \lor e_{3,6}$$

$$4830. \ \, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}}, \neg e_{3,6} \lor t_{\neg e_{1,3},\, \neg e_{2,3}} \vdash t_{\neg e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5},\, e_{3,6}} \lor \neg e_{3,5}$$

$$4831. \ \, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}}, e_{3,4} \lor t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{3,5},\, e_{3,6}} \vdash t_{\neg e_{1,3},\, \neg e_{2,3}} \lor e_{3,4} \lor e_{3,6} \lor \neg e_{3,5}$$

$$4832. \ \, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}}, e_{3,5} \lor t_{\neg e_{1,3},\, e_{2,3}} \vdash \neg t_{\neg e_{3,5},\, e_{3,6}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor e_{3,6}$$

$$4833. \ \, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}}, \neg e_{3,6} \lor t_{\neg e_{1,3},\, e_{2,3}} \vdash \neg t_{\neg e_{3,5},\, e_{3,6}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor \neg e_{3,5}$$

$$4834. \ \, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}}, \neg e_{3,4} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{3,5},\, e_{3,6}} \vdash \neg e_{3,4} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor e_{3,6} \lor \neg e_{3,5} \lor e_{3,6} \lor \neg e_{3,6} \lor \neg$$

$$4835. \ \, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}}, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5},\, \neg e_{3,6}} \vdash \neg t_{\neg e_{3,5},\, \neg e_{3,6}} \lor \neg t_{\neg e_{3,5},\, e_{3,6}} \lor \neg e_{3,5}$$

$$4836. \ \, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}}, e_{3,5} \lor t_{\neg e_{1,3},\, e_{2,3}} \vdash \neg t_{\neg e_{3,5},\, e_{3,6}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor e_{3,6}$$

$$4837. \ \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5}, \, e_{3,6}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5}, \, e_{3,6}} \vdash \neg t_{e_{3,5}, \, e_{3,6}} \lor \neg t_{\neg e_{3,5}, \, e_{3,6}} \lor e_{3,6} \lor e_{$$

$$4838. \ \, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}}, \neg e_{3,6} \lor t_{\neg e_{1,3},\, e_{2,3}} \vdash \neg t_{\neg e_{3,5},\, e_{3,6}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor \neg e_{3,5}$$

$$4839. \ \, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}}, e_{3,5} \lor t_{e_{1,3},\, \neg e_{2,3}} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5},\, e_{3,6}} \lor e_{3,6}$$

$$4840. \ \, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}}, \neg e_{3,6} \lor t_{e_{1,3},\, \neg e_{2,3}} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5},\, e_{3,6}} \lor \neg e_{3,5}$$

$$4841. \ \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5}, \, e_{3,6}}, \neg e_{3,4} \lor t_{e_{1,3}, \, \neg e_{2,3}} \lor t_{\neg e_{3,5}, \, e_{3,6}} \vdash \neg e_{3,4} \lor t_{e_{1,3}, \, \neg e_{2,3}} \lor e_{3,6} \lor \neg e_{3,5}$$

$$4842. \ \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5}, \, e_{3,6}}, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \, \neg e_{3,6}} \vdash \neg t_{\neg e_{3,5}, \, \neg e_{3,6}} \lor \neg t_{\neg e_{3,5}, \, e_{3,6}} \lor \neg t_{\neg e_{3,5},$$

$$4843. \ \, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}}, e_{3,5} \lor t_{e_{1,3},\, \neg e_{2,3}} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5},\, e_{3,6}} \lor e_{3,6}$$

$$4844. \ \, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5},\, e_{3,6}} \vdash \neg t_{e_{3,5},\, e_{3,6}} \lor \neg t_{\neg e_{3,5},\, e_{3,6}} \lor e_{3,6} \lor e_{3$$

$$4845. \ \, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}}, \neg e_{3,6} \lor t_{e_{1,3},\, \neg e_{2,3}} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5},\, e_{3,6}} \lor \neg e_{3,5}$$

$$4846. \ \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}}, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5},\, \neg e_{3,6}} \vdash \neg t_{\neg e_{3,5},\, \neg e_{3,6}} \lor \neg t_{\neg e_{3,5},\, e_{3,6}} \lor$$

4847.
$$\neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5}, e_{3,6}}, e_{3,5} \lor t_{e_{1,3}, e_{2,3}} \vdash \neg t_{\neg e_{3,5}, e_{3,6}} \lor t_{e_{1,3}, e_{2,3}} \lor e_{3,6}$$

$$4848. \ \, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5},\, e_{3,6}} \vdash \neg t_{e_{3,5},\, e_{3,6}} \lor \neg t_{\neg e_{3,5},\, e_{3,6}} \lor e_{3,6} \lor e_{3$$

$$4849. \ \, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}}, \neg e_{3,6} \lor t_{e_{1,3},\, e_{2,3}} \vdash \neg t_{\neg e_{3,5},\, e_{3,6}} \lor t_{e_{1,3},\, e_{2,3}} \lor \neg e_{3,5}$$

$$4850. \ \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5}, \, e_{3,6}}, e_{3,5} \lor t_{e_{1,3}, \, e_{2,3}} \vdash \neg t_{\neg e_{3,5}, \, e_{3,6}} \lor t_{e_{1,3}, \, e_{2,3}} \lor e_{3,6}$$

$$4851. \ \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}}, \neg e_{3,6} \lor t_{e_{1,3},\, e_{2,3}} \vdash \neg t_{\neg e_{3,5},\, e_{3,6}} \lor t_{e_{1,3},\, e_{2,3}} \lor \neg e_{3,5}$$

$$4852. \ \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}}, e_{3,4} \lor t_{e_{1,3},\, e_{2,3}} \lor t_{\neg e_{3,5},\, e_{3,6}} \vdash t_{e_{1,3},\, e_{2,3}} \lor e_{3,4} \lor e_{3,6} \lor \neg e_{3,5}$$

$$4853. \ \, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}}, e_{3,5} \lor t_{\neg e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{4,5},\, e_{5,6}} \vdash \neg t_{\neg e_{3,5},\, e_{3,6}} \lor t_{\neg e_{1,5},\, \neg e_{2,5}} \lor e_{3,6} \lor t_{\neg e_{4,5},\, e_{5,6}} \lor t_{\neg e_{4,5},\, e_{5,6}} \lor t_{\neg e_{4,5},\, e_{5,6}} \lor t_{\neg e_{3,5},\, e_{3,6}} \lor t_{\neg e_{4,5},\, e_{5,6}} \lor t_{\neg e_{$$

$$4854. \ \, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5}, \, e_{3,6}}, e_{3,5} \lor t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor t_{e_{4,5}, \, \neg e_{5,6}} \vdash \neg t_{\neg e_{3,5}, \, e_{3,6}} \lor t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor t_{e_{4,5}, \, \neg e_{5,6}} \lor e_{3,6}$$

$$4855. \ \, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}}, e_{3,5} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor t_{\neg e_{4,5},\, \neg e_{5,6}} \vdash \neg t_{\neg e_{3,5},\, e_{3,6}} \lor t_{\neg e_{4,5},\, \neg e_{5,6}} \lor e_{3,6} \lor t_{\neg e_{1,5},\, e_{2,5}}$$

$$4856. \ \, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}}, e_{3,5} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor t_{e_{4,5},\, e_{5,6}} \vdash \neg t_{\neg e_{3,5},\, e_{3,6}} \lor e_{3,6} \lor t_{e_{4,5},\, e_{5,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor t_{e_{4,5},\, e_{5,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor t_{e_{4,5},\, e_{5,6}} \lor t_{e_{4,5}$$

$$4857. \ \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5}, \, e_{3,6}}, e_{3,5} \lor t_{e_{1,5}, \, \neg e_{2,5}} \lor t_{\neg e_{4,5}, \, \neg e_{5,6}} \vdash t_{e_{1,5}, \, \neg e_{2,5}} \lor \neg t_{\neg e_{3,5}, \, e_{3,6}} \lor t_{\neg e_{4,5}, \, \neg e_{5,6}} \lor e_{3,6}$$

$$4858. \ \, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}}, e_{3,5} \lor t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{4,5},\, e_{5,6}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{3,5},\, e_{3,6}} \lor e_{3,6} \lor t_{e_{4,5},\, e_{5,6}} \lor t_{e_{4,5},\,$$

$$4859. \ \, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}}, e_{3,5} \lor t_{e_{1,5},\, e_{2,5}} \lor t_{\neg e_{4,5},\, e_{5,6}} \vdash \neg t_{\neg e_{3,5},\, e_{3,6}} \lor t_{e_{1,5},\, e_{2,5}} \lor e_{3,6} \lor t_{\neg e_{4,5},\, e_{5,6}} \lor t_{\neg e_{4,5},\, e_{5,6}} \lor t_{\neg e_{4,5},\, e_{5,6}} \lor t_{\neg e_{3,5},\, e_{3,6}} \lor t_{\neg e_{4,5},\, e_{5,6}} \lor t_{\neg e_{4,5},\, e$$

$$4860. \ \, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}}, e_{3,5} \lor t_{e_{1,5},\, e_{2,5}} \lor t_{e_{4,5},\, \neg e_{5,6}} \vdash \neg t_{\neg e_{3,5},\, e_{3,6}} \lor t_{e_{1,5},\, e_{2,5}} \lor t_{e_{4,5},\, \neg e_{5,6}} \lor e_{3,6} \lor t_{e_{4,5},\, \neg e_{5,6}} \lor t_{e_{4,5},\, \neg e$$

$$4861. \ \, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}}, \neg e_{3,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{4,6},\, \neg e_{5,6}} \vdash \neg t_{\neg e_{3,5},\, e_{3,6}} \lor t_{\neg e_{4,6},\, \neg e_{5,6}} \lor \neg e_{3,5} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \lor \neg e_{3,5} \lor \neg e_{3,6} \lor$$

$$4862. \ \, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}}, \neg e_{3,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \lor t_{e_{4,6},\, e_{5,6}} \vdash t_{e_{4,6},\, e_{5,6}} \lor \neg t_{\neg e_{3,5},\, e_{3,6}} \lor \neg e_{3,5} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \lor \neg e_{3,5} \lor t_{\neg e_{3,6},\, e_{3,6}} \lor \neg e_{3,5} \lor t_{\neg e_{3,6},\, e_{3,6}} \lor \neg e_{3,5} \lor t_{\neg e_{3,6},\, e_{3,6}} \lor \neg e_{3,6} \lor \neg e_{3,6}$$

$$4863. \ \, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}}, \neg e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, e_{5,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, e_{5,6}} \lor \neg t_{\neg e_{3,5},\, e_{3,6}} \lor \neg e_{3,5}$$

$$4864. \ \, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}}, \neg e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{4,6},\, \neg e_{5,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{3,5},\, e_{3,6}} \lor t_{e_{4,6},\, \neg e_{5,6}} \lor \neg e_{3,5}$$

$$4865. \ \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5}, \, e_{3,6}}, \neg e_{3,6} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \, e_{5,6}} \vdash t_{\neg e_{4,6}, \, e_{5,6}} \lor \neg t_{\neg e_{3,5}, \, e_{3,6}} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg e_{3,5}$$

$$4866. \ \, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}}, \neg e_{3,6} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor t_{e_{4,6},\, \neg e_{5,6}} \vdash \neg t_{\neg e_{3,5},\, e_{3,6}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor t_{e_{4,6},\, \neg e_{5,6}} \lor \neg e_{3,5}$$

$$4867. \ \, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}}, \neg e_{3,6} \lor t_{e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, \neg e_{5,6}} \vdash \neg t_{\neg e_{3,5},\, e_{3,6}} \lor t_{\neg e_{4,6},\, \neg e_{5,6}} \lor \neg e_{3,5} \lor t_{e_{1,6},\, e_{2,6}} \lor \neg e_{3,5} \lor \neg e_{3,6} \lor \neg e_{3,5} \lor \neg e_{3,6} \lor \neg e_$$

$$4868. \ \, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}}, \neg e_{3,6} \lor t_{e_{1,6},\, e_{2,6}} \lor t_{e_{4,6},\, e_{5,6}} \vdash t_{e_{4,6},\, e_{5,6}} \lor \neg t_{\neg e_{3,5},\, e_{3,6}} \lor \neg e_{3,5} \lor t_{e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{3,5},\, e_{3,6}} \lor \neg e_{3,5} \lor t_{e_{1,6},\, e_{2,6}} \lor \neg e_{3,5} \lor t_{e_{1,6},\, e_{2,6}} \lor \neg e_{3,5} \lor t_{e_{1,6},\, e_{2,6}} \lor \neg e_{3,5} \lor \neg e_{3,5$$

$$4869. \ e_{3,5} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \vdash \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$4870. \ e_{3,5} \lor t_{\lnot e_{1,3},\ e_{2,3}}, \lnot e_{3,5} \lor t_{\lnot e_{1,3},\ \lnot e_{2,3}} \vdash t_{\lnot e_{1,3},\ \lnot e_{2,3}} \lor t_{\lnot e_{1,3},\ e_{2,3}}$$

$$4871. \ e_{3,5} \lor t_{\neg e_{1,3}, \, e_{2,3}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5}, \, e_{3,6}} \vdash \neg t_{\neg e_{3,5}, \, e_{3,6}} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor e_{3,6}$$

4872.
$$e_{3,5} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{3,5} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$4873. \ e_{3,5} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}} \vdash \neg t_{\neg e_{3,5},\, e_{3,6}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor e_{3,6}$$

4874.
$$e_{3,5} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{3,5} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, e_{2,3}}$$

$$4875. \ e_{3,5} \lor t_{\neg e_{1,3}, \, e_{2,3}}, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \, \neg e_{3,6}} \vdash \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \, \neg e_{3,6}} \lor t_{\neg e_{1,3}, \, e_{2,3}}$$

4876.
$$e_{3,5} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{3,5} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, e_{2,3}}$$

$$4877. \ e_{3,5} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5}, e_{3,6}} \vdash \neg t_{\neg e_{3,5}, e_{3,6}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{3,6}$$

$$4878. \ e_{3,5} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{3,5} \lor t_{e_{1,3},\, \neg e_{2,3}} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}}$$

$$4879. \ e_{3,5} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5},\, \neg e_{3,6}} \vdash \neg e_{3,6} \lor \neg t_{\neg e_{3,5},\, \neg e_{3,6}} \lor t_{\neg e_{1,3},\, e_{2,3}}$$

4880.
$$e_{3,5} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{3,5} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$4881. \ e_{3,5} \lor t_{\neg e_{1,3}, \, e_{2,3}}, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \, \neg e_{3,6}} \vdash \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \, \neg e_{3,6}} \lor t_{\neg e_{1,3}, \, e_{2,3}}$$

$$4882. \ e_{3,5} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{3,5} \lor t_{e_{1,3},\, e_{2,3}} \vdash t_{e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}}$$

$$4883. \ e_{3,5} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}} \vdash \neg t_{\neg e_{3,5},\, e_{3,6}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor e_{3,6}$$

4884.
$$e_{3,5} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{3,5} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$4885. \ e_{3,5} \lor t_{\neg e_{1,3}, \, e_{2,3}}, \neg e_{3,5} \lor t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor t_{\neg e_{4,5}, \, \neg e_{5,6}} \vdash t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor t_{\neg e_{4,5}, \, \neg e_{5,6}}$$

$$4886. \ e_{3,5} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{3,5} \lor t_{\neg e_{1,5},\, \neg e_{2,5}} \lor t_{e_{4,5},\, e_{5,6}} \vdash t_{\neg e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{4,5},\, e_{5,6}} \lor t_{\neg e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,5},\, e_{2,6}} \lor t_{\neg e_$$

$$4887. \ e_{3,5} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{3,5} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor t_{\neg e_{4,5},\, e_{5,6}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{4,5},\, e_{5,6}} \lor t_{\neg e_{1,5},\, e_{2,5}}$$

$$4888. \ e_{3,5} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{3,5} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor t_{e_{4,5},\, \neg e_{5,6}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{4,5},\, \neg e_{5,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,5},$$

$$4889. \ e_{3,5} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{3,5} \lor t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{4,5},\, e_{5,6}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{4,5},\, e_{5,6}}$$

$$4890. \ e_{3,5} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{3,5} \lor t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{4,5},\, \neg e_{5,6}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{4,5},\, \neg e_{5,6}}$$

$$4891. \ e_{3,5} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{3,5} \lor t_{e_{1,5},\, e_{2,5}} \lor t_{\neg e_{4,5},\, \neg e_{5,6}} \vdash t_{e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{4,5},\, \neg e_{5,6}}$$

$$4892. \ e_{3,5} \lor t_{\neg e_{1,3}, \, e_{2,3}}, \neg e_{3,5} \lor t_{e_{1,5}, \, e_{2,5}} \lor t_{e_{4,5}, \, e_{5,6}} \vdash t_{e_{1,5}, \, e_{2,5}} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor t_{e_{4,5}, \, e_{5,6}}$$

4893.
$$\neg e_{3,6} \lor t_{\neg e_{1,3}, e_{2,3}}, e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$4894. \ \, \neg e_{3,6} \lor t_{\neg e_{1,3},\, e_{2,3}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5},\, e_{3,6}} \vdash e_{3,5} \lor \neg t_{e_{3,5},\, e_{3,6}} \lor t_{\neg e_{1,3},\, e_{2,3}}$$

$$4895. \ \, \neg e_{3,6} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}} \vdash \neg t_{\neg e_{3,5},\, e_{3,6}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor \neg e_{3,5}$$

4896.
$$\neg e_{3,6} \lor t_{\neg e_{1,3}, e_{2,3}}, e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$4897. \ \, \neg e_{3,6} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}} \vdash \neg t_{\neg e_{3,5},\, e_{3,6}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor \neg e_{3,5}$$

4898.
$$\neg e_{3,6} \lor t_{\neg e_{1,3}, e_{2,3}}, e_{3,6} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, e_{2,3}}$$

4899.
$$\neg e_{3,6} \lor t_{\neg e_{1,3}, e_{2,3}}, e_{3,6} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, e_{2,3}}$$

$$4900. \ \, \neg e_{3,6} \lor t_{\neg e_{1,3},\, e_{2,3}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5},\, e_{3,6}} \vdash e_{3,5} \lor \neg t_{e_{3,5},\, e_{3,6}} \lor t_{\neg e_{1,3},\, e_{2,3}}$$

$$4901. \ \, \neg e_{3,6} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}} \vdash \neg t_{\neg e_{3,5},\, e_{3,6}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor \neg e_{3,5}$$

4902.
$$\neg e_{3,6} \lor t_{\neg e_{1,3}, e_{2,3}}, e_{3,6} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

4903.
$$\neg e_{3,6} \lor t_{\neg e_{1,3}, e_{2,3}}, e_{3,6} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$4904. \ \, \neg e_{3,6} \lor t_{\neg e_{1,3},\, e_{2,3}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5},\, e_{3,6}} \vdash e_{3,5} \lor \neg t_{e_{3,5},\, e_{3,6}} \lor t_{\neg e_{1,3},\, e_{2,3}}$$

4905.
$$\neg e_{3,6} \lor t_{\neg e_{1,3}, e_{2,3}}, e_{3,6} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

- 4906. $\neg e_{3,6} \lor t_{\neg e_{1,3}, e_{2,3}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5}, e_{3,6}} \vdash e_{3,5} \lor \neg t_{e_{3,5}, e_{3,6}} \lor t_{\neg e_{1,3}, e_{2,3}}$
- $4907. \ \neg e_{3,6} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}} \vdash \neg t_{\neg e_{3,5},\, e_{3,6}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor \neg e_{3,5}$
- 4908. $\neg e_{3,6} \lor t_{\neg e_{1,3}, e_{2,3}}, e_{3,6} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$
- $4909. \ \, \neg e_{3,6} \lor t_{\neg e_{1,3},\, e_{2,3}}, e_{3,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{4,6},\, e_{5,6}} \vdash t_{\neg e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,6},\, \neg e_{2,6}}$
- $4910. \ \neg e_{3,6} \lor t_{\neg e_{1,3}, e_{2,3}}, e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$
- $4911. \ \neg e_{3,6} \lor t_{\neg e_{1,3},\, e_{2,3}}, e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, \neg e_{5,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{4,6},\, \neg e_{5,6}}$
- $4912. \ \neg e_{3,6} \lor t_{\neg e_{1,3},\, e_{2,3}}, e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{4,6},\, e_{5,6}} \vdash t_{e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,3},\, e_{2,3}}$
- $4913. \ \neg e_{3,6} \lor t_{\neg e_{1,3},\, e_{2,3}}, e_{3,6} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{4,6},\, \neg e_{5,6}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{4,6},\, \neg e_{5,6}}$
- $4914. \ \, \neg e_{3,6} \lor t_{\neg e_{1,3},\, e_{2,3}}, e_{3,6} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor t_{e_{4,6},\, e_{5,6}} \vdash t_{e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,6},\, \neg e_{2,6}}$
- $4915. \ \, \neg e_{3,6} \lor t_{\neg e_{1,3},\, e_{2,3}}, e_{3,6} \lor t_{e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, e_{5,6}} \vdash t_{\neg e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, e_{5,6}} \lor t_{\neg e_{4,6},\,$
- $4916. \ \, \neg e_{3,6} \lor t_{\neg e_{1,3},\, e_{2,3}}, e_{3,6} \lor t_{e_{1,6},\, e_{2,6}} \lor t_{e_{4,6},\, \neg e_{5,6}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{4,6},\, \neg e_{5,6}} \lor t_{e_{1,6},\, e_{2,6}} \lor t_{e_{4,6},\, \neg e_{5,6}} \lor t_{e_{4,6},\, e_{2,6}} \lor t_{e_{4,6}$
- $4917. \ \neg e_{3,4} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor t_{\neg e_{3,5}, \, e_{3,6}}, e_{3,4} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor t_{\neg e_{3,5}, \, e_{3,6}} \vdash t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor t_{\neg e_{3,5}, \, e_{3,6}}$
- $4918. \ \neg e_{3,4} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{3,5},\, e_{3,6}}, e_{3,4} \lor t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{e_{3,5},\, \neg e_{3,6}} \vdash t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{3,5},\, e_{3,6}} \lor t_{e_{3,5},\, \neg e_{3,6}} \lor t_{e_{3,5$
- $4919. \ \neg e_{3,4} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{3,5},\, e_{3,6}}, e_{3,4} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{3,5},\, \neg e_{3,6}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{3,5},\, \neg e_{3,6}} \lor t_{\neg e_{3,5},\, e_{3,6}} \lor t_{\neg e_{3$
- $4920. \ \, \neg e_{3,4} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{3,5},\, e_{3,6}}, e_{3,4} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{3,5},\, e_{3,6}} \vdash t_{e_{3,5},\, e_{3,6}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{3,5},\, e_{3,6}}, e_{3,6} \lor t_{\neg e_{3,5},\, e_{3,6}} \lor t_{\neg$
- $4921. \ \, \neg e_{3,4} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{3,5},\, e_{3,6},\, e_{3,4}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{3,5},\, \neg e_{3,6}} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{3,5},\, \neg e_{3,6}} \lor t_{\neg e_{3,5},\, e_{3,6}} \lor t_{\neg$
- $4922. \ \, \neg e_{3,4} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{3,5},\, e_{3,6}}, e_{3,4} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{3,5},\, e_{3,6}} \vdash t_{e_{3,5},\, e_{3,6}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{3,5},\, e_{3,6}}, e_{3,6} \lor t_{e_{3,5},\, e_{3,6}} \lor$
- $4923. \ \neg e_{3,4} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor t_{\neg e_{3,5}, \, e_{3,6}}, e_{3,4} \lor t_{e_{1,3}, \, e_{2,3}} \lor t_{\neg e_{3,5}, \, e_{3,6}} \vdash t_{\neg e_{1,3}, \, e_{2,3}} \lor t_{\neg e_{3,5}, \, e_{3,6}} \lor t_{e_{1,3}, \, e_{2,3}}$
- $4924. \ \, \neg e_{3,4} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{3,5},\, e_{3,6}}, e_{3,4} \lor t_{e_{1,3},\, e_{2,3}} \lor t_{e_{3,5},\, \neg e_{3,6}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{3,5},\, e_{3,6}} \lor t_{e_{1,3},\, e_{2,3}} \lor t_{e_{3,5},\, \neg e_{3,6}}, e_{3,6} \lor t_{e_{1,3},\, e_{2,3}} \lor t_{e_{3,5},\, \neg e_{3,6}} \lor t_{e_{3$
- $4925. \ \neg e_{3,4} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{3,5},\, e_{3,6}}, e_{3,4} \lor t_{\neg e_{1,4},\, \neg e_{2,4}} \lor t_{\neg e_{4,5},\, e_{4,6}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{4,5},\, e_{4,6}} \lor t_{\neg e_{3,5},\, e_{3,6}} \lor t_{\neg e_{1,4},\, \neg e_{2,4}} \lor t_{\neg e_{4,5},\, e_{4,6}} \lor t_{\neg e_{4,5},\, e_{4,6}} \lor t_{\neg e_{3,5},\, e_{3,6}} \lor t_{\neg e_{1,4},\, \neg e_{2,4}} \lor t_{\neg e_{4,5},\, e_{4,6}} \lor t_{\neg e_{4,5},\, e_{4,6}} \lor t_{\neg e_{3,5},\, e_{3,6}} \lor t_{\neg e_{4,5},\, e_{4,6}} \lor t_{\neg e_$
- $4926. \ \neg e_{3,4} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor t_{\neg e_{3,5}, \, e_{3,6}}, e_{3,6} \lor t_{\neg e_{1,4}, \, \neg e_{2,4}} \lor t_{e_{4,5}, \, \neg e_{4,6}} \vdash t_{\neg e_{1,3}, \, e_{2,3}} \lor t_{e_{4,5}, \, \neg e_{4,6}} \lor t_{\neg e_{3,5}, \, e_{3,6}} \lor t_{\neg e_{1,4}, \, \neg e_{2,4}} \lor t_{\neg e_{1,4}, \, \neg e_{2,4}} \lor t_{\neg e_{3,5}, \, e_{3,6}} \lor t_{\neg e_{3,5$
- $4927. \ \neg e_{3,4} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor t_{\neg e_{3,5}, \, e_{3,6}}, e_{3,4} \lor t_{\neg e_{1,4}, \, e_{2,4}} \lor t_{\neg e_{4,5}, \, \neg e_{4,6}} \vdash t_{\neg e_{1,3}, \, e_{2,3}} \lor t_{\neg e_{3,5}, \, e_{3,6}} \lor t_{\neg e_{4,5}, \, \neg e_{4,6}} \lor t_{\neg e_{1,4}, \, e_{2,4}} \lor t_{\neg e_{1,4}, \, e_{2,4}} \lor t_{\neg e_{3,5}, \, e_{3,6}} \lor t_{\neg e_{3,5}, \, e_{3,6}} \lor t_{\neg e_{4,5}, \, \neg e_{4,6}} \lor t_{\neg e_{1,4}, \, e_{2,4}} \lor t_{\neg e_{3,5}, \, e_{3,6}} \lor t_{\neg e_{3,5$
- $4928. \ \neg e_{3,4} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor t_{\neg e_{3,5}, \, e_{3,6}}, e_{3,4} \lor t_{\neg e_{1,4}, \, e_{2,4}} \lor t_{e_{4,5}, \, e_{4,6}} \vdash t_{\neg e_{1,3}, \, e_{2,3}} \lor t_{\neg e_{3,5}, \, e_{3,6}} \lor t_{e_{4,5}, \, e_{4,6}} \lor t_{\neg e_{1,4}, \, e_{2,4}}$
- $4929. \ \, \neg e_{3,4} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{3,5},\, e_{3,6}}, e_{3,4} \lor t_{e_{1,4},\, \neg e_{2,4}} \lor t_{\neg e_{4,5},\, \neg e_{4,6}} \vdash t_{e_{1,4},\, \neg e_{2,4}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{3,5},\, e_{3,6}} \lor t_{\neg e_{4,5},\, \neg e_{4,6}} \vdash t_{e_{1,4},\, \neg e_{2,4}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{3,5},\, e_{3,6}} \lor t_{\neg e_{4,5},\, \neg e_{4,6}} \vdash t_{e_{1,4},\, \neg e_{2,4}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{3,5},\, e_{3,6}} \lor t_{\neg e_{4,5},\, \neg e_{4,6}} \vdash t_{e_{1,4},\, \neg e_{2,4}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{3,5},\, e_{3,6}} \lor t_{\neg e_{4,5},\, \neg e_{4,6}} \vdash t_{e_{1,4},\, \neg e_{2,4}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{3,5},\, e_{3,6}} \lor t_{\neg e_{4,5},\, \neg e_{4,6}} \vdash t_{e_{1,4},\, \neg e_{2,4}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{3,5},\, e_{3,6}} \lor t_{\neg e_{4,5},\, \neg e_{4,6}} \vdash t_{e_{1,4},\, \neg e_{2,4}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{3,5},\, e_{3,6}} \lor t_{\neg e_{4,5},\, \neg e_{4,6}} \vdash t_{e_{1,4},\, \neg e_{2,4}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{3,5},\, e_{3,6}} \lor t_{\neg e_{3,5},\, e_{3,$
- $4930. \ \, \neg e_{3,4} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{3,5},\, e_{3,6}}, e_{3,4} \lor t_{e_{1,4},\, \neg e_{2,4}} \lor t_{e_{4,5},\, e_{4,6}} \vdash t_{e_{1,4},\, \neg e_{2,4}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{3,5},\, e_{3,6}} \lor t_{e_{4,5},\, e_{4,6}} \vdash t_{e_{4,5},\, e_{4,6}} \vdash t_{e_{4,5},\, e_{4,6}} \lor t_{\neg e_{4,5},\, e_{$
- $4931. \ \, \neg e_{3,4} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{3,5},\, e_{3,6}}, e_{3,4} \lor t_{e_{1,4},\, e_{2,4}} \lor t_{\neg e_{4,5},\, e_{4,6}} \vdash t_{e_{1,4},\, e_{2,4}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{4,5},\, e_{4,6}} \lor t_{\neg e_{3,5},\, e_{3,6}}, e_{3,6} \lor t_{\neg e_{3,5},\, e_{3,6}} \lor t_{\neg$
- $4932. \ \neg e_{3,4} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor t_{\neg e_{3,5}, \, e_{3,6}}, e_{3,4} \lor t_{e_{1,4}, \, e_{2,4}} \lor t_{e_{4,5}, \, \neg e_{4,6}} \vdash t_{e_{1,4}, \, e_{2,4}} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor t_{e_{4,5}, \, \neg e_{4,6}} \lor t_{\neg e_{3,5}, \, e_{3,6}}$

$$4933. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, e_{1,2} \lor e_{1,3} \lor \neg t_{e_{1,2},\, e_{1,3}} \vdash \neg t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{e_{1,2},\, e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$4934. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, e_{1,2} \lor e_{1,3} \lor \neg t_{e_{1,2},\, e_{1,3}} \vdash \neg t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{e_{1,2},\, e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$4935. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, e_{1,2} \lor e_{1,3} \lor \neg t_{e_{1,2},\, e_{1,3}} \vdash \neg t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{e_{1,2},\, e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$4936. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, e_{1,2} \lor e_{1,3} \lor \neg t_{e_{1,2},\, e_{1,3}} \vdash \neg t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{e_{1,2},\, e_{1,3}} \lor e_{2,3} \lor e_{1,2} \lor e_{1,2} \lor e_{1,3} \lor e_{2,3} \lor e_{2$$

$$4937. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, e_{1,3} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3},\, e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$4938. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, e_{1,3} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3},\, e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$4939. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, e_{1,3} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3},\, e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$4940. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, e_{1,3} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3},\, e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$4941. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor e_{1,3} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,3}$$

$$4942. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor e_{1,3} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,3}$$

$$4943. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor e_{1,3} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,3}$$

$$4944. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor e_{1,3} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,3}$$

$$4945. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, e_{1,3} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{2,3}$$

$$4946. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, e_{1,3} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{2,3}$$

$$4947. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, e_{1,3} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{2,3}$$

$$4948. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, e_{1,3} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{2,3}$$

$$4949. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg e_{1,2} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}}$$

$$4950. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg e_{1,2} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}}$$

$$4951. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg e_{1,2} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}}$$

$$4952. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg e_{1,2} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg$$

$$4953. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$4954. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$4955. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$4956. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$4957. \ \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, \, e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3}, \, e_{2,3}} \lor e_{1,2}$$

$$4958. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\,e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,3},\,e_{2,3}} \lor e_{1,2}$$

$$4959. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor e_{1,2}$$

$$4960. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, e_{1,2} \lor \neg e_{2,3} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor e_{1,2} \lor e_{1,2$$

$$4961. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,2},\, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}}$$

$$4962. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,2},\, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}}$$

$$4963. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,2},\, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}}$$

$$4964. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,2},\, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}}$$

$$4965. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,$$

$$4966. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, e_{1,3} \lor t_{\neg e_{1,3},\, \neg e_{2,3}} \vdash t_{\neg e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor e_{2,3}$$

$$4967. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,$$

$$4968. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, e_{1,3} \lor t_{\neg e_{1,3},\, \neg e_{2,3}} \vdash t_{\neg e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor e_{2,3}$$

$$4969. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,$$

$$4970. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, e_{1,3} \lor t_{\neg e_{1,3},\, \neg e_{2,3}} \vdash t_{\neg e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor e_{2,3}$$

$$4971. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,$$

$$4972. \ \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, \, e_{2,3}}, e_{1,3} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3}, \, e_{2,3}} \lor e_{2,3}$$

4973.
$$\neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}}, e_{3,5} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash \neg e_{1,3} \lor e_{3,5} \lor e_{2,3}$$

$$4974. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{3,6} \lor t_{\neg e_{1,3},\, e_{2,3}} \vdash \neg e_{1,3} \lor \neg e_{3,6} \lor e_{2,3}$$

$$4975. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{3,4} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{3,5},\, e_{3,6}} \vdash \neg e_{1,3} \lor \neg e_{3,4} \lor t_{\neg e_{3,5},\, e_{3,6}} \lor e_{2,3}$$

$$4976. \ \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}}, \neg e_{3,5} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash \neg e_{1,3} \lor \neg e_{3,5} \lor e_{2,3}$$

4977.
$$\neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}}, e_{3,6} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash \neg e_{1,3} \lor e_{3,6} \lor e_{2,3}$$

$$4978. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{3,4} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{3,5},\, \neg e_{3,6}} \vdash \neg e_{1,3} \lor \neg e_{3,4} \lor t_{e_{3,5},\, \neg e_{3,6}} \lor e_{2,3}$$

$$4979. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, e_{3,5} \lor t_{\neg e_{1,3},\, e_{2,3}} \vdash \neg e_{1,3} \lor e_{3,5} \lor e_{2,3}$$

4980.
$$\neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}}, e_{3,6} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash \neg e_{1,3} \lor e_{3,6} \lor e_{2,3}$$

$$4981. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, e_{3,4} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{3,5},\, \neg e_{3,6}} \vdash \neg e_{1,3} \lor t_{\neg e_{3,5},\, \neg e_{3,6}} \lor e_{3,4} \lor e_{2,3}$$

$$4982. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{3,5} \lor t_{\neg e_{1,3},\, e_{2,3}} \vdash \neg e_{1,3} \lor \neg e_{3,5} \lor e_{2,3}$$

4983.
$$\neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}}, \neg e_{3,6} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash \neg e_{1,3} \lor \neg e_{3,6} \lor e_{2,3}$$

$$4984. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, e_{3,4} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{3,5},\, e_{3,6}} \vdash \neg e_{1,3} \lor t_{e_{3,5},\, e_{3,6}} \lor e_{3,4} \lor e_{2,3}$$

$$4985. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, e_{1,3} \lor e_{2,3} \lor \neg t_{e_{1,3},\, e_{2,3}} \vdash \neg t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{e_{1,3},\, e_{2,3}} \lor e_{2,3}$$

$$4986. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,3},\, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,3},\, e_{2,3}}$$

$$4987. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, e_{1,3} \lor e_{2,3} \lor \neg t_{e_{1,3},\, e_{2,3}} \vdash \neg t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{e_{1,3},\, e_{2,3}} \lor e_{2,3}$$

4988.
$$\neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,3}, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,3}, e_{2,3}}$$

$$4989. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, e_{1,3} \lor e_{2,3} \lor \neg t_{e_{1,3},\, e_{2,3}} \vdash \neg t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{e_{1,3},\, e_{2,3}} \lor e_{2,3}$$

4990.
$$\neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,3}, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,3}, e_{2,3}}$$

$$4991. \ \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3}, \, e_{2,3}}, e_{1,3} \lor e_{2,3} \lor \neg t_{e_{1,3}, \, e_{2,3}} \vdash \neg t_{\neg e_{1,3}, \, e_{2,3}} \lor \neg t_{e_{1,3}, \, e_{2,3}} \lor e_{2,3}$$

$$4992. \ \, \neg e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,3},\, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,3},\, e_{2,3}}$$

4993.
$$e_{1,3} \lor t_{\lnot e_{1,3},\, e_{2,3}}, \lnot e_{1,3} \lor t_{e_{1,2},\, e_{1,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{\lnot e_{1,3},\, e_{2,3}}$$

4994.
$$e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

4995.
$$e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$4996. \ e_{1,3} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,2},\, e_{1,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,3},\, e_{2,3}}$$

4997.
$$e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}}, e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{1,2}$$

$$4998. \ e_{1,3} \lor t_{\neg e_{1,3},\, e_{2,3}}, e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor e_{1,2}$$

4999.
$$e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}}, e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{1,2}$$

$$5000. \ e_{1,3} \lor t_{\neg e_{1,3},\, e_{2,3}}, e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor e_{1,2}$$