Домашнее задание по Математической логике №5

Приложение 2. Метод резолюций

Часть 9.45001 - 50000

Иван Калинин, МФТИ ФПМИ Б05-120

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

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

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

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

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

6.
$$\neg t_{\neg e_{1.5}, e_{2.5}} \lor e_{2.5}, e_{1.5} \lor t_{e_{1.2}, e_{2.3}} \lor t_{\neg e_{1.5}, e_{2.5}} \vdash e_{1.5} \lor t_{e_{1.2}, e_{2.3}} \lor e_{2.5}$$

7.
$$\neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,5}, \neg e_{2,5} \lor e_{2,3} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash \neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,3} \lor \neg t_{\neg e_{2,5}, e_{2,6}}$$

$$8. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg e_{2,5} \lor e_{2,3} \vdash \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,3}$$

$$9. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{2,5} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}}$$

10.
$$\neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,5}, \neg t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{2,5} \lor e_{1,2} \vdash \neg t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{1,2}$$

11.
$$\neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,5}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{2,5} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,5}, e_{2,5}}$$

12.
$$\neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,5}, \neg e_{2,5} \lor \neg e_{4,5} \lor e_{2,3} \vdash \neg t_{\neg e_{1,5}, e_{2,5}} \lor \neg e_{4,5} \lor e_{2,3}$$

13.
$$\neg t_{\neg e_{1.5, e_{2.5}}} \lor e_{2.5}, e_{5.6} \lor \neg e_{2.5} \lor e_{2.3} \vdash e_{5.6} \lor \neg t_{\neg e_{1.5, e_{2.5}}} \lor e_{2.3}$$

14.
$$\neg t_{\neg e_{1.5}, e_{2.5}} \lor e_{2,5}, \neg e_{5,6} \lor \neg e_{2,5} \lor e_{2,3} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{1.5}, e_{2.5}} \lor e_{2,3}$$

15.
$$\neg t_{\neg e_{1.5}, e_{2.5}} \lor e_{2.5}, \neg t_{\neg e_{1.5}, e_{2.5}} \lor e_{2.3} \lor t_{\neg e_{1.5}, e_{2.5}} \vdash e_{2.3} \lor e_{2.5}$$

16.
$$\neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,5}, e_{4,5} \lor \neg e_{2,5} \lor e_{2,3} \vdash e_{4,5} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,3}$$

17.
$$\neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,5}, e_{1,6} \lor e_{2,3} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash e_{1,6} \lor e_{2,5} \lor e_{2,3}$$

18.
$$\neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,5}, e_{1,5} \lor e_{2,3} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor e_{2,5} \lor e_{2,3}$$

- 19. $\neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,5}, e_{1,5} \lor e_{2,3} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor e_{2,5} \lor e_{2,3}$
- $20. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, \neg e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg e_{2,5} \vdash \neg e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}}$
- $21. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, t_{\neg e_{1,2},\, e_{1,3}} \lor \neg e_{2,5} \lor e_{1,2} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{1,2}$
- $22. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg e_{2,5} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}}$
- $23. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, e_{1,5} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,5}$
- $24. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, \neg e_{2,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \lor e_{1,2} \vdash \neg t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \lor e_{1,2}$
- $25. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, \neg e_{2,5} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,2} \vdash \neg t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,2}$
- $26. \ \, \neg t_{\neg e_{1,5}, \, e_{2,5}} \lor e_{2,5}, \neg t_{e_{1,2}, \, \neg e_{1,3}} \lor \neg e_{2,5} \lor e_{2,3} \vdash \neg t_{e_{1,2}, \, \neg e_{1,3}} \lor \neg t_{\neg e_{1,5}, \, e_{2,5}} \lor e_{2,3}$
- $27. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, \neg e_{2,3} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor \neg e_{2,5} \vdash \neg e_{2,3} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}}$
- $28. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, e_{1,2} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,2} \lor \neg t_{e_{2,5},\, \neg e_{2,6}}$
- 29. $\neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,5}, e_{1,5} \lor e_{1,2} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor e_{2,5} \lor e_{1,2}$
- $30. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, e_{2,6} \lor e_{1,2} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash e_{2,6} \lor e_{2,5} \lor e_{1,2}$
- $31. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, \neg t_{e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,5} \vdash \neg t_{e_{1,2},\, \neg e_{1,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,5} \vdash \neg t_{e_{1,2},\, \neg e_{1,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,5} \vdash \neg t_{e_{1,2},\, \neg e_{1,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,5} \vdash \neg t_{e_{1,2},\, \neg e_{1,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor \neg e_{2,5} \lor \neg e_{2,5}$
- $32. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, t_{e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor \neg e_{2,5} \vdash t_{e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}}$
- 33. $\neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,5}, e_{2,5} \lor e_{1,2} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash e_{2,5} \lor e_{1,2}$
- 34. $\neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,5}, e_{1,5} \lor e_{1,2} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor e_{2,5} \lor e_{1,2}$
- 35. $\neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,5}, e_{2,5} \lor e_{1,2} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash e_{2,5} \lor e_{1,2}$
- $36. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, \neg t_{e_{1,2},\, \neg e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{2,5} \vdash \neg t_{e_{1,2},\, \neg e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}}$
- $37. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor \neg e_{2,5} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor \neg$
- $38. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}}$
- $39. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, \neg e_{2,5} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor \neg e_{4,5} \vdash \neg t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor \neg e_{4,5}$
- $40. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, e_{5,6} \lor \neg e_{2,5} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \vdash e_{5,6} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}}$
- $41. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, \neg e_{5,6} \lor \neg e_{2,5} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}}$
- $42. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{2,5}$
- $43. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, e_{4,5} \lor \neg e_{2,5} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \vdash e_{4,5} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}}$
- 44. $\neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,5}, e_{1,5} \lor e_{2,5} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor e_{2,5}$
- 45. $\neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,5}, e_{1,5} \lor e_{2,5} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor e_{2,5}$

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

47.
$$\neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,5}, e_{1,5} \lor t_{\neg e_{1,4}, e_{2,4}} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor e_{2,5} \lor t_{\neg e_{1,4}, e_{2,4}}$$

$$48. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, e_{1,5} \lor t_{e_{1,4},\, \neg e_{2,4}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,4},\, \neg e_{2,4}} \lor e_{2,5}$$

$$49. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, e_{1,5} \lor t_{\neg e_{1,4},\, \neg e_{2,4}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash e_{1,5} \lor e_{2,5} \lor t_{\neg e_{1,4},\, \neg e_{2,4}} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor t_{\neg e_{1,4},\, \neg e_{2,4}} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor t_{\neg e_{1,4},\, \neg e_{2,4}} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor t_{\neg e_{1,4},\, \neg e_{2,4}} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor t_{\neg e_{1,4},\, \neg e_{2,4}} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor t_{\neg e_{1,4},\, \neg e_{2,4}} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor t_{\neg e_{1,4},\, \neg e_{2,4}} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor t_{\neg e_{1,4},\, \neg e_{2,4}} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{2,5$$

$$50. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{2,5}$$

$$51. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, \neg t_{e_{1,2},\, \neg e_{1,3}} \lor e_{1,2} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash \neg t_{e_{1,2},\, \neg e_{1,3}} \lor e_{2,5} \lor e_{1,2}$$

$$52. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,3} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,5} \lor e_{1,3}$$

$$53. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, t_{\neg e_{1,2},\, e_{1,3}} \lor e_{1,2} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,5} \lor e_{1,2}$$

54.
$$\neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,5}, t_{e_{1,2}, e_{2,3}} \lor e_{1,3} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash t_{e_{1,2}, e_{2,3}} \lor e_{2,5} \lor e_{1,3}$$

$$55. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, \neg t_{\neg e_{1,2},\, e_{1,3}} \lor e_{1,3} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash e_{2,5} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \lor e_{1,3}$$

$$56. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,2} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor e_{2,5} \lor e_{1,2}$$

$$57. \ \, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}, e_{1,3} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash e_{2,5} \lor e_{1,3} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

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

59.
$$\neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,5}, e_{1,3} \lor e_{1,2} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash e_{2,5} \lor e_{1,3} \lor e_{1,2}$$

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

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

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

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

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

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

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

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

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

69.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}, e_{3,5} \lor \neg e_{2,3} \lor e_{1,3} \vdash e_{3,5} \lor e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

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

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

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

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

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

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

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

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

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

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

80.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}, \neg e_{2,3} \lor \neg e_{2,6} \lor e_{1,2} \vdash \neg e_{2,6} \lor e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}}$$

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

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

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

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

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

$$86. \ e_{2,3} \lor t_{e_{1,2},\, \lnot e_{1,3}}, \lnot e_{1,2} \lor \lnot e_{2,3} \lor \lnot e_{2,5} \vdash \lnot e_{1,2} \lor \lnot e_{2,5} \lor t_{e_{1,2},\, \lnot e_{1,3}}$$

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

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

89.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor e_{2,5} \vdash \neg e_{1,2} \lor e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}}$$

90.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}, \neg e_{3,6} \lor \neg e_{2,3} \lor e_{1,3} \vdash \neg e_{3,6} \lor e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

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

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

93.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor e_{2,6} \vdash \neg e_{1,2} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

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

95.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}, \neg e_{2,3} \lor \neg e_{2,5} \lor e_{1,2} \vdash \neg e_{2,5} \lor e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}}$$

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

97.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg e_{2,6} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$98. \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{1,3}}, t_{e_{1,3}, \lnot e_{2,3}} \lor \lnot e_{2,3} \lor \lnot e_{2,5} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor \lnot e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

99.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor e_{2,5} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}}$$

100.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor e_{2,6} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

101.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash \neg e_{1,2} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

102.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}, \neg e_{2,3} \lor t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,2} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$103. \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{1,3}}, t_{e_{1,3}, \lnot e_{2,3}} \lor \lnot e_{2,3} \lor t_{e_{1,6}, \lnot e_{2,6}} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

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

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

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

$$107. \ e_{2,3} \lor t_{e_{1,2}, \, \lnot e_{1,3}}, \lnot e_{2,3} \lor t_{e_{1,2}, \, e_{2,3}} \lor \lnot e_{3,5} \vdash t_{e_{1,2}, \, e_{2,3}} \lor \lnot e_{3,5} \lor t_{e_{1,2}, \, \lnot e_{1,3}}$$

$$108. \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{3,6} \lor \lnot e_{2,3} \lor t_{e_{1,2}, e_{2,3}} \vdash \lnot e_{3,6} \lor t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$109. \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{1,3}}, e_{3,5} \lor \lnot e_{2,3} \lor t_{e_{1,2}, e_{2,3}} \vdash e_{3,5} \lor t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

110.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}, \neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}} \lor e_{3,6} \vdash t_{e_{1,2}, e_{2,3}} \lor e_{3,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

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

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

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

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

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

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

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

118.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}, \neg e_{3,6} \lor \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash \neg e_{3,6} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

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

120.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{3,6} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor e_{3,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

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

$$122. \ e_{2,3} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{2,3} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}} \lor \lnot e_{2,6} \vdash \lnot t_{e_{1,2}, \lnot e_{1,3}} \lor \lnot e_{2,6} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

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

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

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

126.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}, \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,6} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

140.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}, \neg e_{3,6} \lor \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{3,6} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

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

142.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}, \neg e_{2,3} \lor e_{3,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash e_{3,6} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

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

144.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}, \neg e_{3,6} \lor \neg e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg e_{3,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

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

146.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}, \neg e_{2,3} \lor e_{3,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{3,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

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

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

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

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

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

152.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}, \neg e_{2,3} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{1,2} \vdash \neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}}$$

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

154.
$$e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}, \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

155.
$$t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

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

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

158.
$$t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

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

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

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

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

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

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

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

$$166. \ t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

167.
$$t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,3} \vdash e_{1,5} \lor e_{2,3} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$$206.\ t_{\neg e_{1,6},\, e_{2,6}} \lor e_{1,6}, \neg e_{1,6} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}}$$

$$207. \ t_{\neg e_{1,6}, \, e_{2,6}} \lor e_{1,6}, \neg e_{1,6} \lor t_{\neg e_{1,2}, \, e_{1,3}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \vdash t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{\neg e_{1,2}, \, e_{1,3}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}}$$

- $208. \ t_{\neg e_{1,6}, \, e_{2,6}} \lor e_{1,6}, e_{5,6} \lor \neg e_{1,6} \lor \neg e_{2,6} \vdash e_{5,6} \lor t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg e_{2,6}$
- $209. \ t_{\neg e_{1,6}, \, e_{2,6}} \lor e_{1,6}, \neg e_{1,6} \lor t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \vdash t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}}$
- $210.\ t_{\neg e_{1,6},\, e_{2,6}} \lor e_{1,6}, t_{e_{1,5},\, \neg e_{2,5}} \lor \neg e_{1,6} \lor \neg t_{e_{1,5},\, \neg e_{1,6}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{1,5},\, \neg e_{1,6}} \lor \neg t_{e_{1$
- $211. \ t_{\neg e_{1,6}, \, e_{2,6}} \lor e_{1,6}, \neg e_{1,6} \lor t_{\neg e_{1,2}, \, e_{1,3}} \lor \neg t_{e_{1,5}, \, \neg e_{1,6}} \vdash t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{\neg e_{1,2}, \, e_{1,3}} \lor \neg t_{e_{1,5}, \, \neg e_{1,6}}$
- $212. \ t_{\neg e_{1,6},\, e_{2,6}} \lor e_{1,6}, \neg e_{1,6} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,6}} \lor t_{e$
- $213. \ t_{\neg e_{1,6}, \, e_{2,6}} \lor e_{1,6}, \neg e_{1,6} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \,$
- $214. \ t_{\neg e_{1,6}, \, e_{2,6}} \lor e_{1,6}, \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \vdash t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}}$
- 215. $t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,6}, \neg e_{1,2} \lor \neg e_{1,6} \lor e_{1,3} \vdash \neg e_{1,2} \lor t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,3}$
- $216. \ t_{\neg e_{1,6},\, e_{2,6}} \lor e_{1,6}, \neg e_{1,6} \lor t_{e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,5},\, \neg e_{1,6}} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{1,5},\, \neg e_{1,6}} \lor \neg t_{e_{1,5}$
- 217. $t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,6}, \neg e_{1,6} \lor \neg e_{5,6} \lor e_{2,6} \vdash \neg e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor e_{2,6}$
- $218. \ t_{\neg e_{1,6}, \, e_{2,6}} \lor e_{1,6}, \neg e_{1,6} \lor \neg t_{e_{1,5}, \, \neg e_{1,6}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \vdash t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg t_{e_{1,5}, \, \neg e_{1,6}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}}$
- 219. $t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,6}, \neg e_{1,6} \lor e_{1,3} \lor e_{1,2} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,3} \lor e_{1,2}$
- 220. $t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,6}, \neg e_{1,6} \lor e_{4,6} \lor \neg e_{2,6} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor e_{4,6} \lor \neg e_{2,6}$
- 221. $t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,6}, \neg e_{1,6} \lor e_{4,6} \lor e_{2,6} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor e_{4,6} \lor e_{2,6}$
- $222. \ t_{\neg e_{1,6}, \, e_{2,6}} \lor e_{1,6}, \neg e_{1,6} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \lor t_{e_{1,2}, \, \neg e_{1,3}} \vdash t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \lor t_{e_{1,2}, \, \neg e_{1,3}}$
- $223. \ t_{\neg e_{1,6}, \, e_{2,6}} \lor e_{1,6}, \neg e_{1,6} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \lor t_{\neg e_{1,5}, \, e_{2,5}} \vdash t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \lor t_{\neg e_{1,5}, \, e_{2,5}}$
- $224. \ t_{\neg e_{1,6}, \, e_{2,6}} \lor e_{1,6}, \neg e_{1,6} \lor t_{e_{1,2}, \, e_{1,3}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \vdash t_{e_{1,2}, \, e_{1,3}} \lor t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}}$
- 225. $t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,6}, \neg e_{1,6} \lor \neg e_{4,6} \lor e_{2,6} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor \neg e_{4,6} \lor e_{2,6}$
- $226. \ t_{\neg e_{1,6},\, e_{2,6}} \lor e_{1,6}, \neg e_{1,6} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \lor$
- $227. \ t_{\neg e_{1,6}, \, e_{2,6}} \lor e_{1,6}, \neg e_{1,6} \lor \neg t_{e_{1,5}, \, \neg e_{1,6}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \vdash t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg t_{e_{1,5}, \, \neg e_{1,6}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}}$
- 228. $t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,6}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg e_{1,6} \vdash \neg e_{1,2} \lor \neg e_{1,3} \lor t_{\neg e_{1,6}, e_{2,6}}$
- $229. \ t_{\neg e_{1,6}, \, e_{2,6}} \lor e_{1,6}, \neg e_{1,6} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{1,2}, \, \neg$
- $230. \ t_{\neg e_{1,6}, \, e_{2,6}} \lor e_{1,6}, \neg e_{1,6} \lor t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}} \vdash t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}$
- $231. \ t_{\neg e_{1,6},\, e_{2,6}} \lor e_{1,6}, \neg e_{1,6} \lor t_{e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,2},\, e_{2,6}} \lor t_{e$
- 232. $t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,6}, \neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$
- $233.\ t_{\neg e_{1,6},\, e_{2,6}} \lor e_{1,6}, \neg e_{1,6} \lor \neg t_{e_{1,5},\, \neg e_{1,6}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{1,5},\, \neg e_{1,6}} \lor t_{e_{1,2},\, \neg e_{1,3}}$
- 234. $t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,6}, \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}}$

235.
$$t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,6}, \neg e_{1,6} \lor t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}$$

236.
$$t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,6}, \neg e_{1,3} \lor \neg e_{1,6} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,3}, \neg e_{2,3}}$$

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

$$238. \ t_{\neg e_{1,6}, \, e_{2,6}} \lor e_{1,6}, \neg e_{1,6} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg e_{4,6} \vdash t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg e_{4,6}$$

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

240.
$$t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,6}, \neg e_{1,6} \lor e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}}$$

$$241. \ t_{\neg e_{1,6},\, e_{2,6}} \lor e_{1,6}, \neg e_{1,6} \lor \neg e_{5,6} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$242. \ t_{\neg e_{1,6}, \, e_{2,6}} \lor e_{1,6}, \neg e_{1,6} \lor \neg e_{4,6} \lor t_{e_{1,2}, \, \neg e_{1,3}} \vdash t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg e_{4,6} \lor t_{e_{1,2}, \, \neg e_{1,3}}$$

243.
$$t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,6}, e_{5,6} \lor \neg e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

244.
$$t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,6}, \neg e_{1,6} \lor e_{4,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor e_{4,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

245.
$$t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,6}, \neg e_{1,6} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,2} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,2}$$

246.
$$t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,6}, \neg e_{1,2} \lor \neg e_{1,6} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}$$

$$247. \ t_{\neg e_{1,6},\, e_{2,6}} \lor e_{1,6}, \neg e_{1,6} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}}$$

248.
$$t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,6}, \neg e_{1,6} \lor \neg e_{5,6} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash \neg e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, e_{1,3}}$$

$$249. \ t_{\neg e_{1,6},\, e_{2,6}} \lor e_{1,6}, \neg e_{1,6} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg e_{4,6} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg e_{4,6}$$

250.
$$t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,6}, e_{5,6} \lor \neg e_{1,6} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, e_{1,3}}$$

251.
$$t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,6}, \neg e_{1,6} \lor e_{4,6} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor e_{4,6} \lor t_{\neg e_{1,2}, e_{1,3}}$$

252.
$$t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,6}, \neg e_{1,6} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,2} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,2}$$

$$253. \ t_{\neg e_{1,6},\, e_{2,6}} \lor e_{1,6}, \neg e_{1,2} \lor \neg e_{1,6} \lor t_{\neg e_{1,3},\, e_{2,3}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,3},\, e_{2,3}}$$

$$254. \ t_{\neg e_{1,6},\, e_{2,6}} \lor e_{1,6}, \neg e_{1,6} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}}$$

255.
$$t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,6}, \neg e_{1,6} \lor e_{2,3} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor e_{2,3} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

$$256. \ t_{\neg e_{1,6},\, e_{2,6}} \lor e_{1,6}, \neg e_{1,6} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor e_{2,3} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor e_{2,3}$$

$$257. \ t_{\neg e_{1,6}, \, e_{2,6}} \lor e_{1,6}, \neg e_{1,6} \lor \neg t_{e_{1,2}, \, \neg e_{1,3}} \lor e_{1,3} \vdash t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg t_{e_{1,2}, \, \neg e_{1,3}} \lor e_{1,3}$$

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

$$259. \ t_{\neg e_{1,6},\, e_{2,6}} \lor e_{1,6}, \neg e_{1,3} \lor \neg e_{1,6} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg e_{1,3} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{1,2},\, \neg e_{1,3}}$$

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

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

262.
$$t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,6}, \neg e_{1,6} \lor \neg e_{4,6} \lor e_{1,2} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor \neg e_{4,6} \lor e_{1,2}$$

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

264.
$$t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,6}, \neg e_{1,6} \lor e_{4,6} \lor e_{1,2} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor e_{4,6} \lor e_{1,2}$$

$$265.\ t_{\neg e_{1,6},\, e_{2,6}} \lor e_{1,6}, \neg e_{1,6} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,2},\, e_{2,3}}$$

266.
$$t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,6}, \neg e_{1,6} \lor t_{\neg e_{1,3}, e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}}$$

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

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

$$269.\ t_{\neg e_{1,6},\,e_{2,6}} \lor e_{1,6}, \neg e_{1,6} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,2} \vdash t_{\neg e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,2}$$

$$270.\ t_{\neg e_{1,6},\, e_{2,6}} \lor e_{1,6}, \neg e_{1,2} \lor \neg e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$271. \ t_{\neg e_{1,6}, \, e_{2,6}} \lor e_{1,6}, \neg e_{1,6} \lor t_{e_{1,3}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{e_{1,3}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}}$$

$$272. \ t_{\neg e_{1,6},\, e_{2,6}} \lor e_{1,6}, \neg e_{1,6} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$273. \ t_{\neg e_{1,6}, \, e_{2,6}} \lor e_{1,6}, \neg e_{1,6} \lor e_{1,2} \lor t_{e_{1,2}, \, \neg e_{1,3}} \vdash t_{\neg e_{1,6}, \, e_{2,6}} \lor e_{1,2} \lor t_{e_{1,2}, \, \neg e_{1,3}}$$

274.
$$t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,6}, \neg e_{1,2} \lor \neg e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

275.
$$t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,6}, \neg e_{1,6} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$276. \ t_{\neg e_{1,6}, \, e_{2,6}} \lor e_{1,6}, \neg e_{1,6} \lor \neg t_{e_{1,2}, \, \neg e_{1,3}} \lor t_{e_{1,2}, \, \neg e_{1,3}} \vdash t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg t_{e_{1,2}, \, \neg e_{1,3}} \lor t_{e_{1,2}, \, \neg e_{1,3}}$$

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

$$278. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{4,6}, \neg e_{5,6}} \lor e_{1,6} \lor t_{e_{1,6}, e_{2,6}}$$

279.
$$e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg t_{e_{4,5}, \neg e_{5,6}} \lor e_{4,5} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash e_{4,5} \lor \neg t_{e_{4,5}, \neg e_{5,6}} \lor e_{1,6}$$

$$280. \ e_{1,6} \lor \lnot t_{e_{1,6}, \lnot e_{2,6}}, t_{e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}} \lor e_{1,6}$$

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

$$282. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

$$283. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$284. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

$$285. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg 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 \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, e_{2,6}} \lor t_$$

$$286. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{e_{4,6}, \neg e_{5,6}} \lor t_{e_{1,3}, e_{2,3}} \lor e_{1,6}$$

$$287. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{4,6}, e_{5,6}} \vdash e_{4,6} \lor e_{1,6} \lor \neg t_{e_{4,6}, e_{5,6}}$$

$$288. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{4,6}, \neg e_{5,6}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{4,6}, \neg e_{5,6}} \lor e_{1,6} \lor t_{e_{1,6}, e_{2,6}}$$

$$289. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{\neg e_{4,6}, e_{5,6}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{\neg e_{4,6}, e_{5,6}} \lor e_{1,6} \lor t_{e_{1,6}, e_{2,6}}$$

$$290. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{1,2}, e_{1,3}} \lor \neg e_{1,6} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}}$$

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

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

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

$$294. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{\neg e_{4,6}, e_{5,6}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \vdash t_{\neg e_{4,6}, e_{5,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \lor e_{1,6}$$

$$295. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{4,6}, e_{5,6}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \vdash t_{e_{4,6}, e_{5,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \lor e_{1,6}$$

$$296. \ e_{1,6} \lor \lnot t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{5,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}} \vdash \lnot e_{5,6} \lor e_{1,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}$$

$$297. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg t_{\neg e_{4,5}, \neg e_{4,6}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{4,5} \vdash \neg t_{\neg e_{4,5}, \neg e_{4,6}} \lor e_{1,6} \lor \neg e_{4,5}$$

$$298. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg t_{e_{4,5}, e_{5,6}} \lor e_{4,5} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash e_{4,5} \lor \neg t_{e_{4,5}, e_{5,6}} \lor e_{1,6}$$

$$299. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{4,6}, \neg e_{5,6}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{4,6}, \neg e_{5,6}} \lor e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$300. \ e_{1,6} \vee \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{1,2}, e_{1,3}} \vee \neg e_{1,6} \vee \neg t_{e_{1,5}, \neg e_{1,6}} \vdash t_{e_{1,2}, e_{1,3}} \vee \neg t_{e_{1,5}, \neg e_{1,6}} \vee \neg t_{e_{1,6}, \neg e_{2,6}}$$

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

302.
$$e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,3} \lor \neg e_{1,6} \lor e_{1,2} \vdash \neg e_{1,3} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,2}$$

$$303. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{4,5}, \neg e_{5,6}} \lor \neg e_{4,5} \vdash \neg t_{\neg e_{4,5}, \neg e_{5,6}} \lor e_{1,6} \lor \neg e_{4,5}$$

$$304. \ e_{1,6} \lor \lnot t_{e_{1,6}, \lnot e_{2,6}}, \lnot t_{\lnot e_{4,5}, e_{5,6}} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot e_{4,5} \vdash \lnot t_{\lnot e_{4,5}, e_{5,6}} \lor e_{1,6} \lor \lnot e_{4,5}$$

305.
$$e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor \neg e_{4,6} \lor \neg e_{2,6} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{4,6} \lor \neg e_{2,6}$$

306.
$$e_{1,6} \lor \neg t_{e_{1,6}}, \neg e_{2,6}, e_{5,6} \lor \neg t_{\neg e_{4,6}}, e_{5,6} \lor t_{e_{1,6}}, \neg e_{2,6} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6}}, e_{5,6} \lor e_{1,6}$$

$$307. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{4,6}, e_{5,6}} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{4,6}, e_{5,6}} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor e_{1,6}$$

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

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

$$310. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}}$$

$$311. \ e_{1,6} \lor \lnot t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{1,6} \lor t_{\lnot e_{1,2}, e_{1,3}} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{1,6}} \vdash t_{\lnot e_{1,2}, e_{1,3}} \lor \lnot t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{1,6}}$$

$$312. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{\neg e_{4,6}, e_{5,6}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{4,6}, e_{5,6}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,6}$$

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

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

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

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

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

318.
$$e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{4,6}, e_{5,6}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{4,6}, e_{5,6}} \lor e_{1,6} \lor t_{e_{1,6}, e_{2,6}}$$

$$319. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}}$$

$$320. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

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

$$322. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$323. \ e_{1,6} \vee \neg t_{e_{1,6}, \, \neg e_{2,6}}, \neg e_{1,2} \vee \neg e_{1,6} \vee e_{1,3} \vdash \neg e_{1,2} \vee \neg t_{e_{1,6}, \, \neg e_{2,6}} \vee e_{1,3}$$

324.
$$e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \vdash \neg e_{4,6} \lor e_{1,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}$$

$$325. \ e_{1,6} \lor \neg t_{e_{1,6}, \, \neg e_{2,6}}, t_{e_{4,6}, \, e_{5,6}} \lor t_{\neg e_{4,6}, \, e_{5,6}} \lor t_{e_{1,6}, \, \neg e_{2,6}} \vdash t_{e_{4,6}, \, e_{5,6}} \lor t_{\neg e_{4,6}, \, e_{5,6}} \lor e_{1,6}$$

$$326. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}}$$

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

$$328. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{4,6}, e_{5,6}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{4,6}, e_{5,6}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,6}$$

$$329. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \vdash \neg e_{5,6} \lor e_{1,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}$$

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

$$331. \ e_{1,6} \vee \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{1,3}, \neg e_{2,3}} \vee t_{e_{1,6}, \neg e_{2,6}} \vee t_{e_{4,6}, \neg e_{5,6}} \vdash t_{e_{1,3}, \neg e_{2,3}} \vee t_{e_{4,6}, \neg e_{5,6}} \vee e_{1,6}$$

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

333.
$$e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{\neg e_{4,6}, e_{5,6}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{\neg e_{4,6}, e_{5,6}} \lor t_{e_{1,3}, e_{2,3}} \lor e_{1,6}$$

$$334. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{\neg e_{4,6}, \neg e_{5,6}} \lor e_{1,6} \lor t_{e_{1,6}, e_{2,6}}$$

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

336.
$$e_{1,6} \lor \neg t_{e_{1,6}}, \neg e_{2,6}, t_{e_{4,6}}, e_{5,6} \lor t_{e_{1,6}}, \neg e_{2,6} \lor t_{e_{1,3}}, e_{2,3} \vdash t_{e_{4,6}}, e_{5,6} \lor t_{e_{1,3}}, e_{2,3} \lor e_{1,6}$$

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

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

339.
$$e_{1,6} \lor \neg t_{e_{1,6}}, \neg e_{2,6}, \neg e_{1,6} \lor e_{4,6} \lor e_{2,6} \vdash e_{4,6} \lor \neg t_{e_{1,6}}, \neg e_{2,6} \lor e_{2,6}$$

340.
$$e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{4,6}, \neg e_{5,6}} \lor e_{1,6}$$

$$341. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{4,5}, e_{4,6}} \lor \neg e_{4,5} \vdash \neg t_{\neg e_{4,5}, e_{4,6}} \lor e_{1,6} \lor \neg e_{4,5}$$

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

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

$$344. \ e_{1,6} \vee \neg t_{e_{1,6}, \neg e_{2,6}}, t_{\neg e_{1,3}, \neg e_{2,3}} \vee t_{e_{1,6}, \neg e_{2,6}} \vee t_{\neg e_{4,6}, \neg e_{5,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \vee t_{\neg e_{4,6}, \neg e_{5,6}} \vee e_{1,6}$$

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

$$346. \ e_{1,6} \lor \lnot t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{1,6} \lor t_{e_{1,2}, e_{1,3}} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{1,6}} \vdash t_{e_{1,2}, e_{1,3}} \lor \lnot t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{1,6}}$$

$$347. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{4,6}, e_{5,6}} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{4,6}, e_{5,6}} \lor e_{1,6}$$

348.
$$e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor \neg e_{4,6} \lor e_{2,6} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{4,6} \lor e_{2,6}$$

$$349. \ e_{1,6} \lor \lnot t_{e_{1,6}, \lnot e_{2,6}}, e_{4,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}} \vdash e_{4,6} \lor e_{1,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}$$

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

351.
$$e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{4,6}, e_{5,6}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{4,6}, e_{5,6}} \lor e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$352. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{4,5} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{4,5}, \, e_{4,6}} \vdash e_{4,5} \lor \neg t_{e_{4,5}, \, e_{4,6}} \lor e_{1,6}$$

$$353. \ e_{1,6} \lor \lnot t_{e_{1,6}, \lnot e_{2,6}}, \lnot t_{\lnot e_{4,6}, e_{5,6}} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot e_{4,6} \vdash \lnot t_{\lnot e_{4,6}, e_{5,6}} \lor \lnot e_{4,6} \lor e_{1,6}$$

$$354. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{4,6}, \neg e_{5,6}} \lor e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

355.
$$e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{4,6}, e_{5,6}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{4,6}, e_{5,6}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,6}$$

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

$$357. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \vdash t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \lor e_{1,6}$$

$$358. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,5}, \neg e_{1,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$359. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \vdash t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \lor e_{1,6}$$

360.
$$e_{1,6} \lor \neg t_{e_{1,6}}, \neg e_{2,6}, e_{4,5} \lor t_{e_{1,6}}, \neg e_{2,6} \lor \neg t_{e_{4,5}}, \neg e_{4,6} \vdash e_{4,5} \lor e_{1,6} \lor \neg t_{e_{4,5}}, \neg e_{4,6}$$

$$361. \ e_{1,6} \vee \neg t_{e_{1,6}, \, \neg e_{2,6}}, \neg e_{1,2} \vee \neg e_{1,3} \vee \neg e_{1,6} \vdash \neg e_{1,2} \vee \neg e_{1,3} \vee \neg t_{e_{1,6}, \, \neg e_{2,6}}$$

$$362. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}$$

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

$$364. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

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

$$366. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{4,6}, e_{5,6}} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{4,6}, e_{5,6}} \lor e_{1,6}$$

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

$$368. \ e_{1,6} \lor \lnot t_{e_{1,6}, \lnot e_{2,6}}, t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{\lnot e_{4,6}, \lnot e_{5,6}} \lor t_{e_{1,3}, e_{2,3}} \lor e_{1,6}$$

$$369. \ e_{1,6} \lor \lnot t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{1,6} \lor \lnot t_{e_{1,5}, \lnot e_{1,6}} \lor t_{e_{1,2}, \lnot e_{1,3}} \vdash \lnot t_{e_{1,5}, \lnot e_{1,6}} \lor \lnot t_{e_{1,6}, \lnot e_{2,6}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

370.
$$e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \lor e_{1,6}$$

$$371. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{\neg e_{4,6}, e_{5,6}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{4,6}, e_{5,6}} \lor e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

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

$$373. \ e_{1,6} \vee \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{1,6}, \neg e_{2,6}} \vee t_{e_{1,2}, \neg e_{2,3}} \vee e_{2,6} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee e_{1,6} \vee e_{2,6}$$

$$374. \ e_{1,6} \vee \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{1,6}, \neg e_{2,6}} \vee t_{\neg e_{1,2}, e_{2,3}} \vee e_{2,6} \vdash e_{1,6} \vee t_{\neg e_{1,2}, e_{2,3}} \vee e_{2,6}$$

375.
$$e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,3}$$

$$376. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,3} \lor \neg e_{1,6} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,6}, \neg e_{2,6}}$$

$$377. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{2,6} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \lor e_{2,6}$$

378.
$$e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,2} \lor \neg e_{2,3} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash \neg e_{1,2} \lor \neg e_{2,3} \lor e_{1,6}$$

$$379. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor e_{1,6}$$

380.
$$e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

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

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

$$383. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,6}$$

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

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

$$386. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

387.
$$e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \vdash e_{1,6} \lor t_{\neg e_{1,2}, e_{1,3}}$$

$$388. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,5}, e_{2,5}} \lor$$

$$389. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash t_{e_{1,2}, e_{2,3}} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

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

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

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

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

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

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

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

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

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

399.
$$e_{1,6} \lor \neg t_{e_{1,6}}, \neg e_{2,6}, t_{e_{1,6}}, \neg e_{2,6} \lor \neg e_{4,6} \lor e_{1,6} \vdash e_{1,6} \lor \neg e_{4,6}$$

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

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

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

$$403. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

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

405.
$$e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,3} \lor e_{1,2} \vdash e_{1,6} \lor e_{2,3} \lor e_{1,2}$$

406.
$$e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$407. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6}$$

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

$$409. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor e_{1,6}$$

410.
$$e_{1,6} \lor \neg t_{e_{1,6}}, \neg e_{2,6}, e_{4,6} \lor t_{e_{1,6}}, \neg e_{2,6} \lor e_{1,6} \vdash e_{4,6} \lor e_{1,6}$$

$$411. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$412. \ e_{1,6} \vee \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{1,3}, \neg e_{2,3}} \vee \neg e_{2,3} \vee t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,3}, \neg e_{2,3}} \vee \neg e_{2,3} \vee e_{1,6}$$

413.
$$e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,3} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,6} \lor e_{2,3}$$

414.
$$e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor \neg e_{5,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg e_{5,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

415.
$$e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor \neg e_{4,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{4,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

416.
$$e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{5,6} \lor \neg e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{5,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

417.
$$e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor e_{4,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{4,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

418.
$$e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

419.
$$e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,6} \vdash e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,6}$$

$$420. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,5}, e_{1,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}}$$

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

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

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

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

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

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

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

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

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

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

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

$$432. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,5}, e_{1,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,6}$$

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

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

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

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

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

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

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

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

441.
$$e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor \neg e_{5,6} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash \neg e_{5,6} \lor t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,6}, \neg e_{2,6}}$$

$$442. \ e_{1,6} \vee \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \vee t_{\neg e_{1,2}, e_{1,3}} \vee \neg e_{4,6} \vdash t_{\neg e_{1,2}, e_{1,3}} \vee \neg t_{e_{1,6}, \neg e_{2,6}} \vee \neg e_{4,6}$$

$$443. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{5,6} \lor \neg e_{1,6} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash e_{5,6} \lor t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,6}, \neg e_{2,6}}$$

444.
$$e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor e_{4,6} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash e_{4,6} \lor t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,6}, \neg e_{2,6}}$$

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

$$446. \ e_{1,6} \vee \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{1,4}, \neg e_{2,4}} \vee t_{e_{1,6}, \neg e_{2,6}} \vee e_{2,6} \vdash t_{e_{1,4}, \neg e_{2,4}} \vee e_{1,6} \vee e_{2,6}$$

$$447. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

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

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

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

451.
$$e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor \neg t_{e_{1,6}, \neg e_{2,6}}$$

452.
$$e_{1,6} \lor \neg t_{e_{1,6}}, \neg e_{2,6}, t_{e_{1,2}}, e_{1,3} \lor t_{e_{1,6}}, \neg e_{2,6} \lor e_{2,6} \vdash t_{e_{1,2}}, e_{1,3} \lor e_{1,6} \lor e_{2,6}$$

$$453. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor e_{2,3} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,3} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

$$454. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor e_{2,3} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor e_{2,3}$$

455.
$$e_{1,6} \lor \neg t_{e_{1,6}}, \neg_{e_{2,6}}, t_{e_{1,6}}, \neg_{e_{2,6}} \lor e_{2,3} \lor e_{2,6} \vdash e_{1,6} \lor e_{2,3} \lor e_{2,6}$$

456.
$$e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,2} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,6}$$

457.
$$e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,3} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{2,3} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

458.
$$e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2} \vdash \neg t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,6} \lor e_{1,2}$$

459.
$$e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{2,3} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor e_{2,3}$$

$$460. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,6}$$

461.
$$e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{2,3} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,6} \lor e_{2,3}$$

462.
$$e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,3} \vdash \neg t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,6} \lor e_{2,3}$$

463.
$$e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,6} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

464.
$$e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \lor e_{1,2}$$

$$465. \ e_{1,6} \vee \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{1,6}, \neg e_{2,6}} \vee t_{\neg e_{1,2}, e_{2,3}} \vee e_{1,2} \vdash e_{1,6} \vee t_{\neg e_{1,2}, e_{2,3}} \vee e_{1,2}$$

$$466. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,2} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,6} \lor e_{1,2}$$

$$467. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \lor e_{2,3}$$

468.
$$e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,3}, e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,3}, e_{2,3}} \lor e_{1,6} \lor e_{1,2}$$

$$469. \ e_{1,6} \vee \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{1,2}, e_{1,3}} \vee t_{e_{1,6}, \neg e_{2,6}} \vee e_{2,3} \vdash t_{e_{1,2}, e_{1,3}} \vee e_{1,6} \vee e_{2,3}$$

$$470. \ e_{1,6} \vee \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{1,2}, e_{1,3}} \vee t_{e_{1,6}, \neg e_{2,6}} \vee e_{2,3} \vdash t_{e_{1,2}, e_{1,3}} \vee e_{1,6} \vee e_{2,3}$$

471.
$$e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,3} \lor e_{1,2} \vdash e_{1,6} \lor e_{2,3} \lor e_{1,2}$$

$$472. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{1,4}, \neg e_{2,4}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,6} \vdash t_{e_{1,4}, \neg e_{2,4}} \lor e_{1,6} \lor e_{2,6}$$

$$473. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,6}$$

474.
$$e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,2} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,6} \lor e_{1,2}$$

$$475. \ e_{1,6} \vee \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{1,3}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, e_{1,3}} \vee t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,3}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, e_{1,3}} \vee e_{1,6}$$

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

477.
$$e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,6} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

478.
$$e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{1,3} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,3}$$

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

$$480. \ e_{1,6} \vee \neg t_{e_{1,6},\, \neg e_{2,6}}, \neg e_{1,3} \vee \neg e_{1,6} \vee \neg t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg e_{1,3} \vee \neg t_{e_{1,2},\, \neg e_{1,3}} \vee \neg t_{e_{1,6},\, \neg e_{2,6}}$$

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

482.
$$e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,3} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \vdash \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{1,6}$$

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

$$484. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{1,6} \lor e_{2,3}$$

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

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

$$487. \ e_{1,6} \vee \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \vee \neg e_{4,6} \vee e_{1,2} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \vee \neg e_{4,6} \vee e_{1,2}$$

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

489.
$$e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor e_{4,6} \lor e_{1,2} \vdash e_{4,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,2}$$

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

491.
$$e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,3} \lor e_{1,2} \vdash e_{1,6} \lor e_{1,3} \lor e_{1,2}$$

$$492. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}$$

$$493. \ e_{1,6} \vee \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{1,6}, \neg e_{2,6}} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vee t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \vee t_{e_{1,2}, \neg e_{2,3}} \vee e_{1,6}$$

$$494. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{1,6}$$

$$495. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{\neg e_{1,3}, e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,6}, \neg e_{2,6}}$$

$$496. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,6}$$

497.
$$e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,3} \lor e_{1,2} \vdash e_{1,6} \lor e_{2,3} \lor e_{1,2}$$

$$498. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{1,6}$$

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

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

$$501. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,6} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \lor e_{2,6}$$

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

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

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

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

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

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

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

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

$$510. \ \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \lor e_{2,6} \vdash e_{1,6} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \lor e_{2,6}$$

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

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

$$513. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$514. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$515. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$516. \ \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,2} \lor \neg e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,2} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$517. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$518. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$519. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,6}$$

$$520. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg e_{5,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,6}$$

$$521. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{4,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg e_{4,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,6}$$

522.
$$e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash e_{5,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,6}$$

$$523. \ e_{1,6} \vee \neg t_{e_{1,6}, \neg e_{2,6}}, e_{4,6} \vee t_{e_{1,6}, \neg e_{2,6}} \vee t_{\neg e_{1,2}, \neg e_{2,3}} \vdash e_{4,6} \vee t_{\neg e_{1,2}, \neg e_{2,3}} \vee e_{1,6}$$

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

$$525. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6}$$

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

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

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

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

$$530. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,2} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,2} \lor e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$531. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,6} \lor e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}}$$

532.
$$e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$533. \ e_{1,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{1,6} \lor \lor e_$$

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

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

$$536. \ e_{1,6} \vee \neg t_{e_{1,6},\, \neg e_{2,6}}, t_{\neg e_{1,6},\, e_{2,6}} \vee t_{e_{1,6},\, \neg e_{2,6}} \vee \neg e_{4,6} \vdash t_{\neg e_{1,6},\, e_{2,6}} \vee \neg e_{4,6} \vee e_{1,6}$$

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

$$538. \ e_{1,6} \vee \neg t_{e_{1,6}, \neg e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \vee e_{4,6} \vee t_{e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \vee e_{4,6} \vee e_{1,6}$$

$$539. \ t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,4},\, e_{2,4}}, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor \neg t_{e_{1,4},\, e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,4}$$

$$540.\ t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,4},\, e_{2,4}}, t_{e_{1,4},\, \neg e_{2,4}} \lor \neg t_{e_{1,4},\, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,4},\, \neg e_{2,4}} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor e_{2,4}$$

$$541. \ t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,4},\, e_{2,4}}, e_{1,4} \lor t_{\neg e_{1,4},\, e_{2,4}} \lor \neg t_{e_{1,4},\, e_{2,4}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,4},\, e_{2,4}} \lor e_{1,4}$$

$$542. \ t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{e_{1,4}, \, e_{2,4}}, e_{1,4} \lor \neg t_{e_{1,4}, \, \neg e_{2,4}} \lor \neg t_{e_{1,4}, \, e_{2,4}} \vdash t_{\neg e_{1,6}, \, e_{2,6}} \lor e_{1,4} \lor \neg t_{e_{1,4}, \, \neg e_{2,4}}$$

$$543.\ t_{\neg e_{1,6},\,e_{2,6}} \lor t_{e_{1,4},\,e_{2,4}}, e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{\neg e_{1,6},\,e_{2,6}} \lor e_{1,4} \lor e_{2,4}$$

544.
$$e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{5,6} \lor \neg e_{1,6} \lor e_{2,6} \vdash e_{5,6} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,6}$$

$$545. \ e_{1,6} \lor t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{1,6} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}} \vdash t_{\neg e_{1,2}, \, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}$$

$$546. \ e_{1,6} \lor t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash t_{\neg e_{1,2}, \, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}}$$

$$547. \ e_{1,6} \lor t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{1,6} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}} \vdash t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}$$

$$548. \ e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,6} \lor t_{e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash t_{e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$549. \ e_{1,6} \lor t_{\neg e_{1,2}, \, e_{2,3}}, t_{e_{1,2}, \, e_{1,3}} \lor \neg e_{1,6} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \vdash t_{e_{1,2}, \, e_{1,3}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \lor t_{\neg e_{1,2}, \, e_{2,3}}$$

$$550. \ e_{1,6} \lor t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}} \vdash \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}$$

$$551. \ e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,6} \lor t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{e_{1,5},\, \neg e_{1,6}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{e_{1,5},\, \neg e_{1,6}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

552.
$$e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,6} \lor \neg e_{5,6} \lor \neg e_{2,6} \vdash \neg e_{5,6} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{2,6}$$

$$553. \ e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}}, t_{e_{1,2},\, e_{1,3}} \lor \neg e_{1,6} \lor \neg t_{e_{1,5},\, \neg e_{1,6}} \vdash t_{e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,5},\, \neg e_{1,6}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

554.
$$e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,3} \lor \neg e_{1,6} \lor e_{1,2} \vdash \neg e_{1,3} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}$$

$$555. \ e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,6} \lor \neg e_{4,6} \lor \neg e_{2,6} \vdash \neg e_{4,6} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{2,6}$$

$$556. \ e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,6} \lor t_{e_{1,5}, e_{2,5}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \vdash t_{e_{1,5}, e_{2,5}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$557. \ e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,6} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \vdash t_{\neg e_{1,2},\, \neg e_{1,3}} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$558. \ e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,6} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

- 559. $e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{5,6} \lor \neg e_{1,6} \lor \neg e_{2,6} \vdash e_{5,6} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{2,6}$
- $560. \ e_{1,6} \lor t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{1,6} \lor t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \vdash t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \lor t_{\neg e_{1,2}, \, e_{2,3}}$
- $561. \ e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}}, t_{e_{1,5},\, \neg e_{2,5}} \lor \neg e_{1,6} \lor \neg t_{e_{1,5},\, \neg e_{1,6}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{e_{1,5},\, \neg e_{1,6}} \lor t_{\neg e_{1,2},\, e_{2,3}}$
- $562. \ e_{1,6} \lor t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{1,6} \lor t_{\neg e_{1,2}, \, e_{1,3}} \lor \neg t_{e_{1,5}, \, \neg e_{1,6}} \vdash t_{\neg e_{1,2}, \, e_{1,3}} \lor \neg t_{e_{1,5}, \, \neg e_{1,6}} \lor t_{\neg e_{1,2}, \, e_{2,3}}$
- $563. \ e_{1,6} \lor t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{1,6} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}} \vdash t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}$
- $564. \ e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,6} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}}$
- $565. \ e_{1,6} \lor t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}}$
- $566. \ e_{1,6} \lor t_{\lnot e_{1,2},\, e_{2,3}}, \lnot e_{1,2} \lor \lnot e_{1,6} \lor e_{1,3} \vdash \lnot e_{1,2} \lor t_{\lnot e_{1,2},\, e_{2,3}} \lor e_{1,3}$
- $567. \ e_{1,6} \lor t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{1,6} \lor t_{e_{1,2}, \, e_{1,3}} \lor \neg t_{e_{1,5}, \, \neg e_{1,6}} \vdash t_{e_{1,2}, \, e_{1,3}} \lor \neg t_{e_{1,5}, \, \neg e_{1,6}} \lor t_{\neg e_{1,2}, \, e_{2,3}}$
- $568. \ e_{1,6} \lor t_{\lnot e_{1,2},\, e_{2,3}}, \lnot e_{1,6} \lor \lnot e_{5,6} \lor e_{2,6} \vdash \lnot e_{5,6} \lor t_{\lnot e_{1,2},\, e_{2,3}} \lor e_{2,6}$
- $569. \ e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\, \neg e_{1,6}} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \vdash \neg t_{e_{1,5},\, \neg e_{1,6}} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \lor t_{\neg e_{1,2},\, e_{2,3}}$
- $570. \ e_{1,6} \lor t_{\lnot e_{1,2},\, e_{2,3}}, \lnot e_{1,6} \lor e_{1,3} \lor e_{1,2} \vdash t_{\lnot e_{1,2},\, e_{2,3}} \lor e_{1,3} \lor e_{1,2}$
- 571. $e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,6} \lor e_{4,6} \lor \neg e_{2,6} \vdash e_{4,6} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{2,6}$
- 572. $e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,6} \lor e_{4,6} \lor e_{2,6} \vdash e_{4,6} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,6}$
- $573. \ e_{1,6} \lor t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{1,6} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \lor t_{e_{1,2}, \, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{e_{1,2}, \, \neg e_{1,3}}$
- $574. \ e_{1,6} \lor t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{1,6} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \lor t_{\neg e_{1,5}, \, e_{2,5}} \vdash \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{1,5}, \, e_{2,5}}$
- $575. \ e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,6} \lor t_{e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \vdash t_{e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \lor t_{\neg e_{1,2},\, e_{2,3}}$
- 576. $e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,6} \lor \neg e_{4,6} \lor e_{2,6} \vdash \neg e_{4,6} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,6}$
- $577. \ e_{1,6} \lor t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}} \vdash \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}$
- $578. \ e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\, \neg e_{1,6}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{e_{1,5},\, \neg e_{1,6}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}}$
- $579. \ e_{1,6} \lor t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg e_{1,6} \vdash \neg e_{1,2} \lor \neg e_{1,3} \lor t_{\neg e_{1,2}, \, e_{2,3}}$
- $580.\ \ e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,6} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}}$
- $581. \ e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,$
- $582. \ e_{1,6} \lor t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{1,6} \lor t_{e_{1,2}, \, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}} \vdash t_{e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}$
- 583. $e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$
- $584. \ e_{1,6} \lor t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{1,6} \lor \neg t_{e_{1,5}, \, \neg e_{1,6}} \lor t_{e_{1,2}, \, \neg e_{1,3}} \vdash \neg t_{e_{1,5}, \, \neg e_{1,6}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{e_{1,2}, \, \neg e_{1,3}}$
- $585. \ e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \vdash e_{2,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \lor t_{\neg e_{1,2},\, e_{2,3}}$

586.
$$e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,6} \lor t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}$$

$$587. \ e_{1,6} \lor t_{\neg e_{1,2}, \, e_{2,3}}, \neg e_{1,3} \lor \neg e_{1,6} \lor t_{e_{1,3}, \, \neg e_{2,3}} \vdash \neg e_{1,3} \lor t_{e_{1,3}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}}$$

$$588. \ e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,6} \lor \neg e_{5,6} \lor t_{e_{1,6},\, \neg e_{2,6}} \vdash \neg e_{5,6} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$589. \ e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,6} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor \neg e_{4,6} \vdash t_{e_{1,6},\, \neg e_{2,6}} \lor \neg e_{4,6} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

590.
$$e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{5,6} \lor \neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

591.
$$e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,6} \lor e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$592. \ e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,6} \lor \neg e_{5,6} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg e_{5,6} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$593. \ e_{1,6} \lor t_{\lnot e_{1,2},\, e_{2,3}}, \lnot e_{1,6} \lor \lnot e_{4,6} \lor t_{e_{1,2},\, \lnot e_{1,3}} \vdash \lnot e_{4,6} \lor t_{\lnot e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \lnot e_{1,3}}$$

594.
$$e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{5,6} \lor \neg e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{5,6} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$595. \ e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,6} \lor e_{4,6} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash e_{4,6} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$596. \ e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,6} \lor t_{e_{1,2},\, e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}$$

$$597. \ e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,6} \lor t_{e_{1,2},\, e_{2,3}} \vdash \neg e_{1,2} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$598. \ e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,6} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{$$

$$599. \ e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,6} \lor \neg e_{5,6} \lor t_{\neg e_{1,2},\, e_{1,3}} \vdash \neg e_{5,6} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$600. \ e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,6} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg e_{4,6} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg e_{4,6} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$601. \ e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}}, e_{5,6} \lor \neg e_{1,6} \lor t_{\neg e_{1,2},\, e_{1,3}} \vdash e_{5,6} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

602.
$$e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,6} \lor e_{4,6} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash e_{4,6} \lor t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$603. \ e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,6} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor e_{1,2} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}$$

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

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

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

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

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

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

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

$$611. \ e_{1,6} \lor t_{\lnot e_{1,2},\, e_{2,3}}, \lnot e_{1,6} \lor \lnot t_{e_{1,5},\, \lnot e_{1,6}} \lor e_{1,2} \vdash \lnot t_{e_{1,5},\, \lnot e_{1,6}} \lor t_{\lnot e_{1,2},\, e_{2,3}} \lor e_{1,2}$$

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

613.
$$e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,6} \lor \neg e_{4,6} \lor e_{1,2} \vdash \neg e_{4,6} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}$$

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

615.
$$e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg e_{1,6} \lor e_{4,6} \lor e_{1,2} \vdash e_{4,6} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}$$

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

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

618.
$$e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}}, e_{1,5} \lor \neg e_{1,6} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

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

620.
$$e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}$$

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

$$622. \ e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,6} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,3},\, \neg e_{2,3}}$$

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

$$624. \ e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg e_{1,6} \lor e_{1,2} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

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

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

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

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

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

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

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

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

$$633. \ t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,\neg e_{1,3}}, \neg t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,3} \vdash \neg t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,3} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor e_{1,3} \lor e_{1,4} \lor e_{1,4}, \neg e_{1,4} \lor e_{1,4}, \neg e_{1,4} \lor e_{1,4}, \neg e_{1,4}, \neg$$

$$634. \ t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,\neg e_{1,3}}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,2},\,e_{1,3}} \lor e_{1,2} \vdash t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,2} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor e_{1,2} \lor e_{1,2} \lor e_{1,3} \lor e_{1,4} \lor$$

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

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

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

638.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{4,6}, e_{5,6}} \vdash e_{5,6} \lor e_{2,6} \lor \neg t_{e_{4,6}, e_{5,6}}$$

$$639. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, \neg t_{\neg e_{4,6}, \, e_{5,6}} \lor t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg e_{4,6} \vdash \neg t_{\neg e_{4,6}, \, e_{5,6}} \lor \neg e_{4,6} \lor e_{2,6}$$

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

$$641. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{e_{1,3}, \, \neg e_{2,3}} \lor t_{\neg e_{4,6}, \, e_{5,6}} \vdash t_{e_{1,3}, \, \neg e_{2,3}} \lor t_{\neg e_{4,6}, \, e_{5,6}} \lor e_{2,6}$$

$$642. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg e_{2,6} \vdash \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}$$

$$643. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, t_{\neg e_{1,2}, \, e_{1,3}} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor \neg e_{2,6} \vdash t_{\neg e_{1,2}, \, e_{1,3}} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg t_{\neg e_{1,6},$$

$$644. \ \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \ e_{2,6}}, t_{\neg e_{1,6}, \ e_{2,6}} \lor t_{\neg e_{4,6}, \ \neg e_{5,6}} \lor t_{e_{1,3}, \ e_{2,3}} \vdash t_{\neg e_{4,6}, \ \neg e_{5,6}} \lor t_{e_{1,3}, \ e_{2,3}} \lor e_{2,6}$$

$$645. \ e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, t_{e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash t_{e_{4,6},\, e_{5,6}} \lor e_{2,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}}$$

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

$$647. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor t_{\neg e_{4,6}, \, \neg e_{5,6}} \vdash t_{\neg e_{1,3}, \, e_{2,3}} \lor t_{\neg e_{4,6}, \, \neg e_{5,6}} \lor e_{2,6}$$

$$648. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, t_{\neg e_{1,6}, \, e_{2,6}} \lor e_{4,6} \lor \neg t_{e_{4,6}, \, \neg e_{5,6}} \vdash e_{4,6} \lor \neg t_{e_{4,6}, \, \neg e_{5,6}} \lor e_{2,6}$$

$$649. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{\neg e_{4,6}, \, e_{5,6}} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}} \vdash t_{\neg e_{4,6}, \, e_{5,6}} \lor e_{2,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}$$

$$650. \ e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg t_{e_{1,6},\, \neg e_{2,6}} \lor \neg e_{2,6} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$651. \ e_{2,6} \vee \neg t_{\neg e_{1,6}, \, e_{2,6}}, t_{e_{4,6}, \, e_{5,6}} \vee t_{\neg e_{1,6}, \, e_{2,6}} \vee t_{\neg e_{1,3}, \, \neg e_{2,3}} \vdash t_{e_{4,6}, \, e_{5,6}} \vee t_{\neg e_{1,3}, \, \neg e_{2,3}} \vee e_{2,6}$$

652.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{4,5}, e_{5,6}} \lor e_{4,5} \vdash e_{4,5} \lor \neg t_{e_{4,5}, e_{5,6}} \lor e_{2,6}$$

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

$$654. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{e_{4,6}, \, \neg e_{5,6}} \lor t_{\neg e_{4,6}, \, \neg e_{5,6}} \vdash t_{e_{4,6}, \, \neg e_{5,6}} \lor t_{\neg e_{4,6}, \, \neg e_{5,6}} \lor e_{2,6}$$

$$655. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, t_{e_{4,6}, \, e_{5,6}} \lor t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{e_{4,6}, \, \neg e_{5,6}} \vdash t_{e_{4,6}, \, e_{5,6}} \lor t_{e_{4,6}, \, \neg e_{5,6}} \lor e_{2,6}$$

$$656. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{\neg e_{4,6}, \, e_{5,6}} \lor t_{e_{1,3}, \, e_{2,3}} \vdash t_{\neg e_{4,6}, \, e_{5,6}} \lor t_{e_{1,3}, \, e_{2,3}} \lor e_{2,6}$$

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

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

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

$$660. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{e_{1,3}, \, \neg e_{2,3}} \lor t_{\neg e_{4,6}, \, \neg e_{5,6}} \vdash t_{e_{1,3}, \, \neg e_{2,3}} \lor t_{\neg e_{4,6}, \, \neg e_{5,6}} \lor e_{2,6}$$

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

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

$$663. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{\neg e_{4,6}, \, e_{5,6}} \lor t_{e_{1,6}, \, e_{2,6}} \vdash t_{\neg e_{4,6}, \, e_{5,6}} \lor t_{e_{1,6}, \, e_{2,6}} \lor e_{2,6}$$

$$664. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, t_{\neg e_{1,6}, \, e_{2,6}} \lor e_{4,5} \lor \neg t_{e_{4,5}, \, e_{4,6}} \vdash e_{4,5} \lor \neg t_{e_{4,5}, \, e_{4,6}} \lor e_{2,6}$$

$$665. \ \ e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,3},\, e_{2,3}} \vdash t_{\neg e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor e_{2,6}$$

$$666. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, t_{e_{4,6}, \, e_{5,6}} \lor t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{e_{1,3}, \, \neg e_{2,3}} \vdash t_{e_{4,6}, \, e_{5,6}} \lor t_{e_{1,3}, \, \neg e_{2,3}} \lor e_{2,6}$$

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

$$668. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, e_{5,6} \lor \neg t_{\neg e_{4,6}, \, e_{5,6}} \lor t_{\neg e_{1,6}, \, e_{2,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6}, \, e_{5,6}} \lor e_{2,6}$$

$$669. \ \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \ e_{2,6}}, t_{\neg e_{1,6}, \ e_{2,6}} \lor \neg t_{\neg e_{4,5}, \ \neg e_{5,6}} \lor \neg e_{4,5} \vdash \neg t_{\neg e_{4,5}, \ \neg e_{5,6}} \lor \neg e_{4,5} \lor e_{2,6}$$

$$670. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \, \neg e_{5,6}} \vdash \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \, \neg e_{5,6}} \lor e_{2,6}$$

$$671. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor t_{e_{4,6}, \, \neg e_{5,6}} \vdash t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor t_{e_{4,6}, \, \neg e_{5,6}} \lor e_{2,6}$$

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

$$673. \ e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{4,6},\, \neg e_{5,6}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{4,6},\, \neg e_{5,6}} \lor e_{2,6}$$

674.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor \neg e_{4,6} \lor \neg e_{2,6} \vdash \neg e_{1,6} \lor \neg e_{4,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

675.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{e_{4,6}, e_{5,6}} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{e_{4,6}, e_{5,6}} \lor t_{e_{1,3}, e_{2,3}} \lor e_{2,6}$$

$$676. \ e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, t_{e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,6},\, e_{2,6}} \vdash t_{e_{4,6},\, e_{5,6}} \lor t_{e_{1,6},\, e_{2,6}} \lor e_{2,6}$$

$$677. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \, \neg e_{2,6}} \vdash t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg t_{e_{2,5}, \, \neg e_{2,6}}$$

$$678. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, t_{\neg e_{1,2}, \, e_{1,3}} \lor \neg t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg e_{2,6} \vdash t_{\neg e_{1,2}, \, e_{1,3}} \lor \neg t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \, e$$

$$679. \ e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{2,5},\, \neg e_{2,6}}$$

$$680. \ e_{2,6} \vee \neg t_{\neg e_{1,6},\, e_{2,6}}, t_{e_{1,2},\, e_{2,3}} \vee \neg e_{2,6} \vee \neg t_{e_{2,5},\, \neg e_{2,6}} \vdash t_{e_{1,2},\, e_{2,3}} \vee \neg t_{\neg e_{1,6},\, e_{2,6}} \vee \neg t_{e_{2,5},\, \neg e_{2,6}}$$

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

$$682. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, t_{e_{4,6}, \, e_{5,6}} \lor t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{\neg e_{1,3}, \, e_{2,3}} \vdash t_{e_{4,6}, \, e_{5,6}} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor e_{2,6}$$

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

$$684. \ e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{4,6},\, \neg e_{5,6}} \lor t_{e_{1,3},\, e_{2,3}} \vdash t_{e_{4,6},\, \neg e_{5,6}} \lor t_{e_{1,3},\, e_{2,3}} \lor e_{2,6}$$

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

$$686. \ e_{2,6} \lor \lnot t_{\lnot e_{1,6}, \, e_{2,6}}, \lnot e_{5,6} \lor t_{\lnot e_{1,6}, \, e_{2,6}} \lor \lnot t_{e_{4,6}, \, \lnot e_{5,6}} \vdash \lnot e_{5,6} \lor \lnot t_{e_{4,6}, \, \lnot e_{5,6}} \lor e_{2,6}$$

$$687. \ e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, t_{e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e$$

$$688. \ e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \vdash t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{2,5},\, \neg e_{2,6}}$$

$$689. \ \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{\neg e_{4,6}, \, \neg e_{5,6}} \lor t_{e_{1,6}, \, e_{2,6}} \vdash t_{\neg e_{4,6}, \, \neg e_{5,6}} \lor t_{e_{1,6}, \, e_{2,6}} \lor e_{2,6}$$

$$690. \ e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, \neg e_{5,6}} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash t_{\neg e_{4,6},\, \neg e_{5,6}} \lor e_{2,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}}$$

691.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{e_{4,6}, e_{5,6}} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}} \vdash t_{e_{4,6}, e_{5,6}} \lor t_{\neg e_{4,6}, e_{5,6}} \lor e_{2,6}$$

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

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

- 694. $e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{5,6} \lor e_{1,6} \lor \neg e_{2,6} \vdash e_{5,6} \lor e_{1,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$
- $695. \ e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{e_{1,2},\, e_{2,3}} \lor \neg e_{2,6} \vdash \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$
- $696. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, t_{\neg e_{1,6}, \, e_{2,6}} \lor e_{4,6} \lor \neg t_{e_{4,6}, \, e_{5,6}} \vdash e_{4,6} \lor e_{2,6} \lor \neg t_{e_{4,6}, \, e_{5,6}}$
- 697. $e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor e_{1,6} \lor \neg e_{2,6} \vdash \neg e_{4,6} \lor e_{1,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$
- $698. \ \ e_{2,6} \lor \lnot t_{\lnot e_{1,6}, \ e_{2,6}}, t_{\lnot e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,6}, \ e_{2,6}} \lor t_{\lnot e_{4,6}, \ e_{5,6}} \vdash t_{\lnot e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{4,6}, \ e_{5,6}} \lor e_{2,6}$
- $699. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, \neg t_{\neg e_{4,5}, \, e_{5,6}} \lor t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg e_{4,5} \vdash \neg t_{\neg e_{4,5}, \, e_{5,6}} \lor \neg e_{4,5} \lor e_{2,6}$
- $700. \ e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{2,6} \vdash \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$
- $701. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor t_{\neg e_{4,6}, \, \neg e_{5,6}} \vdash t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor t_{\neg e_{4,6}, \, \neg e_{5,6}} \lor e_{2,6}$
- 702. $e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor e_{4,6} \lor \neg e_{2,6} \vdash \neg e_{1,6} \lor e_{4,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$
- $703. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{e_{4,6}, \, \neg e_{5,6}} \lor t_{e_{1,6}, \, e_{2,6}} \vdash t_{e_{4,6}, \, \neg e_{5,6}} \lor t_{e_{1,6}, \, e_{2,6}} \lor e_{2,6}$
- $704. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{e_{4,6}, \, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}} \vdash t_{e_{4,6}, \, \neg e_{5,6}} \lor e_{2,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}$
- $705. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor \neg t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor \neg e_{2,6} \vdash t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor \neg t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg t_{\neg e_{1$
- 706. $e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{4,6}, e_{5,6}} \vdash e_{4,6} \lor e_{2,6} \lor \neg t_{e_{4,6}, e_{5,6}}$
- $707. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{e_{1,3}, \, \neg e_{2,3}} \lor t_{e_{4,6}, \, \neg e_{5,6}} \vdash t_{e_{1,3}, \, \neg e_{2,3}} \lor t_{e_{4,6}, \, \neg e_{5,6}} \lor e_{2,6}$
- $708. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,6}$
- 709. $e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{4,5}, \neg e_{5,6}} \lor e_{4,5} \vdash \neg t_{e_{4,5}, \neg e_{5,6}} \lor e_{4,5} \lor e_{2,6}$
- 710. $e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg e_{2,6} \vdash \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$
- 711. $e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,2} \lor e_{2,3} \lor \neg e_{2,6} \vdash \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$
- 712. $e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, e_{2,3} \lor \neg e_{2,6} \lor e_{1,2} \vdash e_{2,3} \lor e_{1,2} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$
- 713. $e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{4,5}, e_{4,6}} \lor \neg e_{4,5} \vdash \neg t_{\neg e_{4,5}, e_{4,6}} \lor \neg e_{4,5} \lor e_{2,6}$
- 714. $e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg e_{2,6} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$
- $715. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, \neg t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg e_{2,6} \vdash \neg t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,6}} \lor t_{e$
- 716. $e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{2,5},\, e_{2,6}} \lor e_{2,5} \vdash \neg t_{e_{2,5},\, e_{2,6}} \lor e_{2,5} \lor e_{2,6}$
- 717. $e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor e_{2,6}$
- 718. $e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$
- 719. $e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, \neg e_{5,6} \lor e_{1,6} \lor \neg e_{2,6} \vdash \neg e_{5,6} \lor e_{1,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$
- $720. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, t_{e_{1,2}, \, e_{1,3}} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor \neg e_{2,6} \vdash t_{e_{1,2}, \, e_{1,3}} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}$

721.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{4,6}, e_{5,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{4,6}, e_{5,6}} \lor e_{2,6}$$

722.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor e_{4,5} \lor \neg t_{e_{4,5}, \neg e_{4,6}} \vdash e_{4,5} \lor \neg t_{e_{4,5}, \neg e_{4,6}} \lor e_{2,6}$$

723.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \vdash e_{4,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor e_{2,6}$$

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

725.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, e_{4,6} \lor e_{1,6} \lor \neg e_{2,6} \vdash e_{4,6} \lor e_{1,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

$$726. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor \neg e_{2,6} \lor t_{e_{1,2}, \, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{1,3}}$$

$$727. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg t_{\neg e_{4,5}, \, \neg e_{4,6}} \lor \neg e_{4,5} \vdash \neg t_{\neg e_{4,5}, \, \neg e_{4,6}} \lor \neg e_{4,5} \lor e_{2,6}$$

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

729.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \vdash t_{\neg e_{4,6}, e_{5,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \lor e_{2,6}$$

730.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \lor e_{2,6}$$

731.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,6}$$

732.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, t_{e_{1,3}, \, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg e_{2,6} \vdash t_{e_{1,3}, \, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}$$

733.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{e_{1,3}, \neg e_{2,3}} \lor e_{2,3} \lor \neg e_{2,6} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor e_{2,3} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

734.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{1,2} \lor e_{2,6}$$

735.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{2,6}$$

736.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,2} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,2} \lor e_{2,6}$$

737.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,2}, e_{2,3}} \lor e_{1,3} \lor e_{2,6}$$

738.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,3} \vdash \neg t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,3} \lor e_{2,6}$$

739.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,2} \lor e_{2,6}$$

740.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,3} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

741.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,3}, e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,3}, e_{2,3}} \lor e_{1,2} \lor e_{2,6}$$

742.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \lor e_{2,6}$$

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

744.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

745.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{1,6} \lor e_{2,6}$$

$$746. \ \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{2,6}$$

$$747. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \vdash t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \lor e_{2,6}$$

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

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

750.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,6} \vdash \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

751.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,6} \lor e_{1,2} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

$$752. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, t_{e_{1,3}, \, \neg e_{2,3}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg e_{2,6} \vdash t_{e_{1,3}, \, \neg e_{2,3}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}$$

753.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, e_{1,5} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{2,6}$$

$$754. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor e_{2,5} \vdash e_{2,5} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor e_{2,6}$$

755.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{2,5} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

756.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, e_{1,5} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,6}$$

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

758.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,5} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,5} \lor e_{2,6}$$

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

760.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,6}, e_{2,6}} \lor e_{2,5} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{2,5} \lor e_{2,6}$$

761.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, e_{1,5} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash e_{1,5} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,6}$$

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

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

764.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, e_{1,5} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \vdash e_{1,5} \lor t_{e_{1,2}, e_{2,3}} \lor e_{2,6}$$

765.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \lor \neg e_{2,6} \vdash \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

766.
$$e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, t_{e_{1,2},\, e_{1,3}} \lor \neg e_{2,6} \lor e_{1,2} \vdash t_{e_{1,2},\, e_{1,3}} \lor e_{1,2} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

767.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

768.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor e_{2,6}$$

769.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,6} \vdash t_{e_{1,4}, \neg e_{2,4}} \lor e_{1,6} \lor e_{2,6}$$

770.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

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

772.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,6} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{1,6} \lor e_{2,6}$$

773.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{2,6} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

774.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, e_{2,3} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash \neg t_{\neg e_{1,6}, e_{2,6}} \lor e_{2,3} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

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

776.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{2,3} \lor \neg e_{2,6} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{2,3} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

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

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

779.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,3} \vdash \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,3} \lor e_{2,6}$$

780.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, e_{1,5} \lor t_{\neg e_{1,6}, e_{2,6}} \lor e_{2,3} \vdash e_{1,5} \lor e_{2,3} \lor e_{2,6}$$

$$781. \ e_{2,6} \vee \neg t_{\neg e_{1,6},\, e_{2,6}}, t_{e_{1,4},\, \neg e_{2,4}} \vee t_{\neg e_{1,6},\, e_{2,6}} \vee e_{1,6} \vdash t_{e_{1,4},\, \neg e_{2,4}} \vee e_{1,6} \vee e_{2,6}$$

$$782. \ e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg e_{2,6} \vdash \neg e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

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

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

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

786.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,6} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

787.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg e_{2,6} \vdash \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

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

789.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor \neg e_{2,6} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

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

791.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,3} \lor e_{1,2} \vdash e_{1,3} \lor e_{1,2} \lor e_{2,6}$$

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

$$793. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, \neg t_{e_{1,2}, \, \neg e_{1,3}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg e_{2,6} \vdash \neg t_{e_{1,2}, \, \neg e_{1,3}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}$$

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

795.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

$$796. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, \neg t_{e_{1,2}, \, \neg e_{1,3}} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor \neg e_{2,6} \vdash \neg t_{e_{1,2}, \, \neg e_{1,3}} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg t_{\neg e_{1,6},$$

$$797. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, t_{\neg e_{1,2}, \, e_{1,3}} \lor \neg t_{e_{1,2}, \, \neg e_{1,3}} \lor \neg e_{2,6} \vdash t_{\neg e_{1,2}, \, e_{1,3}} \lor \neg t_{e_{1,2}, \, \neg e_{1,3}} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}$$

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

799.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,6}, e_{2,6}} \lor e_{2,6} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{2,6}$$

800.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,6}$$

801.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,6} \vdash e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,6}$$

802.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,6} \vdash t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,6}$$

$$803. \ e_{2,6} \vee \neg t_{\neg e_{1,6}, \, e_{2,6}}, t_{\neg e_{1,6}, \, e_{2,6}} \vee t_{\neg e_{1,2}, \, e_{1,3}} \vee e_{2,6} \vdash t_{\neg e_{1,2}, \, e_{1,3}} \vee e_{2,6}$$

804.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,6} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,6}$$

805.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash e_{2,6}$$

$$806. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, t_{\neg e_{1,6}, \, e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor e_{1,6} \lor e_{2,6}$$

807.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \lor e_{2,6}$$

$$808. \ e_{2,6} \vee \neg t_{\neg e_{1,6}, \, e_{2,6}}, t_{\neg e_{1,6}, \, e_{2,6}} \vee \neg t_{e_{1,6}, \, \neg e_{2,6}} \vee e_{1,6} \vdash \neg t_{e_{1,6}, \, \neg e_{2,6}} \vee e_{1,6} \vee e_{2,6}$$

$$809. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{e_{1,2}, \, e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,2}, \, e_{2,3}} \lor e_{1,6} \lor e_{2,6}$$

810.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,3} \vdash e_{1,6} \lor e_{2,3} \lor e_{2,6}$$

811.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,2} \lor e_{2,6} \vdash e_{1,2} \lor e_{2,6}$$

812.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \lor e_{2,6}$$

813.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,3} \vdash \neg t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,6}$$

814.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{2,3} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

815.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2} \lor e_{2,6}$$

$$816. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,2} \vdash t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,2} \lor e_{2,6}$$

817.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,2} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,2} \lor e_{2,6}$$

818.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,3} \lor e_{2,6}$$

819.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,3}, e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,3}, e_{2,3}} \lor e_{1,2} \lor e_{2,6}$$

820.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,6}, e_{2,6}} \lor e_{2,3} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{2,3} \lor e_{2,6}$$

821.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,6}, e_{2,6}} \lor e_{2,3} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{2,3} \lor e_{2,6}$$

822.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor e_{2,3} \lor e_{1,2} \vdash e_{2,3} \lor e_{1,2} \lor e_{2,6}$$

823.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor e_{2,3} \lor e_{1,2} \vdash e_{2,3} \lor e_{1,2} \lor e_{2,6}$$

$$824. \ e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

825.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

$$826. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \lor \neg t_{e_{1,5}, \, \neg e_{2,5}} \vdash \neg t_{e_{1,5}, \, \neg e_{2,5}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \lor e_{2,6}$$

827.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, e_{1,5} \lor t_{\neg e_{1,6}, e_{2,6}} \lor e_{2,5} \vdash e_{1,5} \lor e_{2,5} \lor e_{2,6}$$

828.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, e_{1,5} \lor t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,6} \vdash e_{1,5} \lor e_{1,6} \lor e_{2,6}$$

829.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, e_{1,5} \lor t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,6} \vdash e_{1,5} \lor e_{1,6} \lor e_{2,6}$$

$$830. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, e_{1,5} \lor t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}} \lor e_{2,6}$$

$$831. \ e_{2,6} \vee \neg t_{\neg e_{1,6},\, e_{2,6}}, t_{\neg e_{1,6},\, e_{2,6}} \vee e_{1,6} \vee t_{\neg e_{1,4},\, \neg e_{2,4}} \vdash e_{1,6} \vee t_{\neg e_{1,4},\, \neg e_{2,4}} \vee e_{2,6}$$

$$832. \ e_{2,6} \lor \lnot t_{\lnot e_{1,6}, \, e_{2,6}}, \lnot e_{5,6} \lor t_{\lnot e_{1,2}, \, \lnot e_{2,3}} \lor \lnot e_{2,6} \vdash \lnot e_{5,6} \lor t_{\lnot e_{1,2}, \, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,6}, \, e_{2,6}}$$

$$833. \ e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{4,6} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,6} \vdash \neg e_{4,6} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$834. \ e_{2,6} \lor \lnot t_{\lnot e_{1,6}, \, e_{2,6}}, e_{5,6} \lor t_{\lnot e_{1,2}, \, \lnot e_{2,3}} \lor \lnot e_{2,6} \vdash e_{5,6} \lor t_{\lnot e_{1,2}, \, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,6}, \, e_{2,6}}$$

$$835. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor \neg e_{2,6} \vdash e_{4,6} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}$$

$$836. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}} \vdash t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor e_{2,6}$$

837.
$$e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, t_{\neg e_{1,6},\, e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash e_{2,6} \lor e_{1,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}}$$

$$838. \ e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, t_{e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \vdash t_{e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$839. \ e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \vdash \neg t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

$$840. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \, \neg e_{2,6}} \vdash e_{2,5} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg t_{e_{2,5}, \, \neg e_{2,6}}$$

841.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,5} \vdash e_{2,5} \lor e_{1,6} \lor e_{2,6}$$

842.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, e_{1,5} \lor t_{\neg e_{1,6}, e_{2,6}} \lor e_{2,5} \vdash e_{1,5} \lor e_{2,5} \lor e_{2,6}$$

$$843. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, \neg e_{1,2} \lor \neg e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

844.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, \neg e_{2,6} \lor e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$845. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, t_{e_{1,3}, \, \neg e_{2,3}} \lor \neg e_{2,6} \lor t_{e_{1,2}, \, \neg e_{1,3}} \vdash t_{e_{1,3}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{1,3}}$$

$$846. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, \neg t_{e_{1,2}, \, \neg e_{1,3}} \lor \neg e_{2,6} \lor t_{e_{1,2}, \, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, \, \neg e_{1,3}} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{1,3}}$$

847.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor e_{2,6} \vdash e_{5,6} \lor e_{2,6}$$

$$848. \ e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,6}$$

$$849. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{2,6}$$

$$850. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}} \vdash t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor e_{2,6}$$

$$851. \ e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash t_{e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor e_{2,6}$$

$$852. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, t_{e_{1,2}, \, e_{1,3}} \lor t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \vdash t_{e_{1,2}, \, e_{1,3}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \lor e_{2,6}$$

$$853. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}} \vdash \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor e_{2,6}$$

$$854. \ e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{1,5},\, \neg e_{1,6}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{e_{1,5},\, \neg e_{1,6}} \lor e_{2,6}$$

$$855. \ e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, t_{e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{1,5},\, \neg e_{1,6}} \vdash t_{e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,5},\, \neg e_{1,6}} \lor e_{2,6}$$

856.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,3} \lor t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,2} \vdash \neg e_{1,3} \lor e_{1,2} \lor e_{2,6}$$

$$857. \ e_{2,6} \vee \neg t_{\neg e_{1,6}, \, e_{2,6}}, t_{\neg e_{1,6}, \, e_{2,6}} \vee t_{e_{1,5}, \, e_{2,5}} \vee \neg t_{e_{1,5}, \, \neg e_{1,6}} \vdash t_{e_{1,5}, \, e_{2,5}} \vee \neg t_{e_{1,5}, \, \neg e_{1,6}} \vee e_{2,6}$$

$$858. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \vdash t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \lor e_{2,6}$$

$$859. \ e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \lor e_{2,6}$$

$$860. \ \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \vdash t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \lor e_{2,6}$$

$$861. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, t_{e_{1,5}, \, \neg e_{2,5}} \lor t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg t_{e_{1,5}, \, \neg e_{1,6}} \vdash t_{e_{1,5}, \, \neg e_{2,5}} \lor \neg t_{e_{1,5}, \, \neg e_{1,6}} \lor e_{2,6}$$

$$862. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{\neg e_{1,2}, \, e_{1,3}} \lor \neg t_{e_{1,5}, \, \neg e_{1,6}} \vdash t_{\neg e_{1,2}, \, e_{1,3}} \lor \neg t_{e_{1,5}, \, \neg e_{1,6}} \lor e_{2,6}$$

$$863. \ e_{2,6} \vee \neg t_{\neg e_{1,6},\, e_{2,6}}, t_{\neg e_{1,6},\, e_{2,6}} \vee t_{e_{1,2},\, \neg e_{2,3}} \vee \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash t_{e_{1,2},\, \neg e_{2,3}} \vee e_{2,6}$$

$$864. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \vdash t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor e_{2,6}$$

$$865. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor e_{2,6}$$

866.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,2} \lor t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,3} \vdash \neg e_{1,2} \lor e_{1,3} \lor e_{2,6}$$

$$867. \ e_{2,6} \vee \neg t_{\neg e_{1,6},\, e_{2,6}}, t_{e_{1,2},\, e_{1,3}} \vee t_{\neg e_{1,6},\, e_{2,6}} \vee \neg t_{e_{1,5},\, \neg e_{1,6}} \vdash t_{e_{1,2},\, e_{1,3}} \vee \neg t_{e_{1,5},\, \neg e_{1,6}} \vee e_{2,6}$$

868.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor e_{2,6} \vdash \neg e_{5,6} \lor e_{2,6}$$

$$869. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg t_{e_{1,5}, \, \neg e_{1,6}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \vdash \neg t_{e_{1,5}, \, \neg e_{1,6}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \lor e_{2,6}$$

870.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,3} \lor e_{1,2} \vdash e_{1,3} \lor e_{1,2} \lor e_{2,6}$$

871.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor e_{4,6} \lor e_{2,6} \vdash e_{4,6} \lor e_{2,6}$$

$$872. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \lor t_{e_{1,2}, \, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \lor e_{2,6} \lor t_{e_{1,2}, \, \neg e_{1,3}}$$

873.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash e_{2,6} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor t_{\neg e_{1,5}, e_{2,5}}$$

$$874. \ e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, t_{e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \vdash t_{e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \lor e_{2,6}$$

875.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor \neg e_{4,6} \lor e_{2,6} \vdash \neg e_{4,6} \lor e_{2,6}$$

$$876. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}} \vdash e_{2,6} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \,$$

$$877. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg t_{e_{1,5}, \, \neg e_{1,6}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \vdash \neg t_{e_{1,5}, \, \neg e_{1,6}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor e_{2,6}$$

878.
$$e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{1,2} \lor \neg e_{1,3} \lor t_{\neg e_{1,6},\, e_{2,6}} \vdash \neg e_{1,2} \lor \neg e_{1,3} \lor e_{2,6}$$

$$879. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \vdash t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor e_{2,6}$$

880.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,2}, e_{2,3}} \lor e_{2,6}$$

$$881. \ e_{2,6} \vee \neg t_{\neg e_{1,6},\, e_{2,6}}, t_{\neg e_{1,6},\, e_{2,6}} \vee t_{e_{1,6},\, e_{2,6}} \vee \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash t_{e_{1,6},\, e_{2,6}} \vee e_{2,6}$$

$$882. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg t_{e_{1,5}, \, \neg e_{1,6}} \lor t_{e_{1,2}, \, \neg e_{1,3}} \vdash \neg t_{e_{1,5}, \, \neg e_{1,6}} \lor e_{2,6} \lor t_{e_{1,2}, \, \neg e_{1,3}}$$

$$883. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, t_{\neg e_{1,6}, \, e_{2,6}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \vdash e_{2,5} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \lor e_{2,6}$$

$$884. \ e_{2,6} \vee \neg t_{\neg e_{1,6}, \, e_{2,6}}, t_{\neg e_{1,6}, \, e_{2,6}} \vee t_{e_{1,3}, \, \neg e_{2,3}} \vee e_{1,3} \vdash t_{e_{1,3}, \, \neg e_{2,3}} \vee e_{1,3} \vee e_{2,6}$$

$$885. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, \neg e_{1,3} \lor t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{e_{1,3}, \, \neg e_{2,3}} \vdash \neg e_{1,3} \lor t_{e_{1,3}, \, \neg e_{2,3}} \lor e_{2,6}$$

$$886. \ e_{2,6} \lor \lnot t_{\lnot e_{1,6}, \, e_{2,6}}, \lnot e_{5,6} \lor t_{\lnot e_{1,6}, \, e_{2,6}} \lor t_{e_{1,6}, \, \lnot e_{2,6}} \vdash \lnot e_{5,6} \lor t_{e_{1,6}, \, \lnot e_{2,6}} \lor e_{2,6}$$

$$887. \ e_{2,6} \lor \lnot t_{\lnot e_{1,6}, \ e_{2,6}}, t_{\lnot e_{1,6}, \ e_{2,6}} \lor t_{e_{1,6}, \ \lnot e_{2,6}} \lor \lnot e_{4,6} \vdash t_{e_{1,6}, \ \lnot e_{2,6}} \lor \lnot e_{4,6} \lor e_{2,6}$$

888.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,6}$$

$$889. \ e_{2,6} \vee \neg t_{\neg e_{1,6},\, e_{2,6}}, t_{\neg e_{1,6},\, e_{2,6}} \vee e_{4,6} \vee t_{e_{1,6},\, \neg e_{2,6}} \vdash e_{4,6} \vee t_{e_{1,6},\, \neg e_{2,6}} \vee e_{2,6}$$

$$890. \ e_{2,6} \vee \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{5,6} \vee t_{\neg e_{1,6},\, e_{2,6}} \vee t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg e_{5,6} \vee e_{2,6} \vee t_{e_{1,2},\, \neg e_{1,3}}$$

891.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor \neg e_{4,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg e_{4,6} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

892.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{5,6} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

893.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor e_{4,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{4,6} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

894.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,2}, e_{2,3}} \lor e_{1,2} \lor e_{2,6}$$

895.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,2} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}} \lor e_{2,6}$$

$$896. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{e_{1,3}, \, \neg e_{2,3}} \lor t_{e_{1,2}, \, e_{2,3}} \vdash t_{e_{1,3}, \, \neg e_{2,3}} \lor t_{e_{1,2}, \, e_{2,3}} \lor e_{2,6}$$

$$897. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{\neg e_{1,2}, \, e_{1,3}} \vdash \neg e_{5,6} \lor t_{\neg e_{1,2}, \, e_{1,3}} \lor e_{2,6}$$

$$898. \ e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg e_{4,6} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg e_{4,6} \lor e_{2,6}$$

899.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash e_{5,6} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,6}$$

900.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor e_{4,6} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash e_{4,6} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,6}$$

901.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor e_{1,2} \vdash t_{\neg e_{1,3}, \, e_{2,3}} \lor e_{1,2} \lor e_{2,6}$$

902.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,2} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{2,6}$$

903.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{2,6}$$

904.
$$e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, t_{\neg e_{1,6},\, e_{2,6}} \lor e_{2,3} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash e_{2,3} \lor e_{2,6}$$

$$905. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor e_{2,3} \vdash \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor e_{2,3} \lor e_{2,6}$$

906.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{1,3} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{1,3} \lor e_{2,6}$$

907.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{1,2} \vdash \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{1,2} \lor e_{2,6}$$

$$908. \ \ e_{2,6} \lor \lnot t_{\lnot e_{1,6}, \ e_{2,6}}, \lnot e_{1,3} \lor t_{\lnot e_{1,6}, \ e_{2,6}} \lor \lnot t_{e_{1,2}, \ \lnot e_{1,3}} \vdash \lnot e_{1,3} \lor \lnot t_{e_{1,2}, \ \lnot e_{1,3}} \lor e_{2,6}$$

909.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{1,2} \vdash \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{1,2} \lor e_{2,6}$$

910.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,2} \vdash \neg e_{5,6} \lor e_{1,2} \lor e_{2,6}$$

911.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor \neg e_{4,6} \lor e_{1,2} \vdash \neg e_{4,6} \lor e_{1,2} \lor e_{2,6}$$

912.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,2} \vdash e_{5,6} \lor e_{1,2} \lor e_{2,6}$$

913.
$$e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, t_{\neg e_{1,6},\, e_{2,6}} \lor e_{4,6} \lor e_{1,2} \vdash e_{4,6} \lor e_{1,2} \lor e_{2,6}$$

914.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,6}$$

915.
$$e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor e_{2,6}$$

916.
$$e_{2,6} \lor \lnot t_{\lnot e_{1,6},\, e_{2,6}}, e_{1,5} \lor t_{\lnot e_{1,6},\, e_{2,6}} \lor \lnot t_{e_{1,5},\, \lnot e_{1,6}} \vdash e_{1,5} \lor \lnot t_{e_{1,5},\, \lnot e_{1,6}} \lor e_{2,6}$$

917.
$$e_{2,6} \vee \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{1,5} \vee t_{\neg e_{1,6},\, e_{2,6}} \vee \neg t_{e_{1,5},\, \neg e_{1,6}} \vdash e_{1,5} \vee \neg t_{e_{1,5},\, \neg e_{1,6}} \vee e_{2,6}$$

918.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2} \lor e_{2,6}$$

919.
$$e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{1,2} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,6}$$

$$920. \ \ e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,6}$$

$$921. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg t_{e_{1,2}, \, \neg e_{1,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash \neg t_{e_{1,2}, \, \neg e_{1,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{2,6}$$

922.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,2} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$923. \ e_{2,6} \vee \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{1,2} \vee t_{\neg e_{1,6},\, e_{2,6}} \vee t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg e_{1,2} \vee e_{2,6} \vee t_{e_{1,2},\, \neg e_{1,3}}$$

$$924. \ e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor e_{2,6} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

925.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

926.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

927.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, \neg e_{5,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \vdash \neg e_{5,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

$$928. \ e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, \neg t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg e_{4,6} \lor \neg e_{2,6} \vdash \neg t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg e_{4,6} \lor \neg e_$$

929.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, e_{5,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \vdash e_{5,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

930.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, e_{4,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \vdash e_{4,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

931.
$$e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash \neg t_{e_{1,6},\, \neg e_{2,6}} \lor e_{2,6}$$

932.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor e_{1,6} \vdash \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor e_{1,6} \lor e_{2,6}$$

933.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,6} \vdash e_{1,6} \lor e_{2,6}$$

934.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor e_{1,6} \vdash \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor e_{1,6} \lor e_{2,6}$$

935.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor \neg e_{5,6} \lor e_{1,6} \vdash \neg e_{5,6} \lor e_{1,6} \lor e_{2,6}$$

936.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor \neg e_{4,6} \lor e_{1,6} \vdash \neg e_{4,6} \lor e_{1,6} \lor e_{2,6}$$

937.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,6} \vdash e_{5,6} \lor e_{1,6} \lor e_{2,6}$$

938.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor e_{4,6} \lor e_{1,6} \vdash e_{4,6} \lor e_{1,6} \lor e_{2,6}$$

939.
$$e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,4} \vdash \neg t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,6} \lor e_{2,4}$$

940.
$$e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, t_{e_{1,4},\, \neg e_{2,4}} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor e_{2,4} \vdash t_{e_{1,4},\, \neg e_{2,4}} \lor e_{2,6} \lor e_{2,4}$$

941.
$$e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,4},\, e_{2,4}} \lor e_{1,4} \vdash t_{\neg e_{1,4},\, e_{2,4}} \lor e_{1,4} \lor e_{2,6}$$

942.
$$e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, t_{\neg e_{1,6},\, e_{2,6}} \lor e_{1,4} \lor \neg t_{e_{1,4},\, \neg e_{2,4}} \vdash \neg t_{e_{1,4},\, \neg e_{2,4}} \lor e_{1,4} \lor e_{2,6}$$

943.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,4} \lor e_{2,4} \vdash e_{1,4} \lor e_{2,6} \lor e_{2,4}$$

944.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, \neg e_{5,6} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{2,6} \vdash \neg e_{5,6} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

945.
$$e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{4,6} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{2,6} \vdash \neg e_{4,6} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

946.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{2,6} \vdash e_{5,6} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

947.
$$e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{2,6} \vdash e_{4,6} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

948.
$$e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,6}$$

949.
$$e_{1,6} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{5,6} \lor \neg e_{1,6} \lor e_{2,6} \vdash e_{5,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,6}$$

950.
$$e_{1,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

951.
$$e_{1,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$952. \ e_{1,6} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,6} \lor t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,6}, e_{2,6}} \vdash t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,6}, e_{2,6}} \lor t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, \lnot e_{2$$

953.
$$e_{1,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}$$

954.
$$e_{1,6} \lor t_{e_{1,2}, \neg e_{2,3}}, t_{e_{1,2}, e_{1,3}} \lor \neg e_{1,6} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}}$$

$$955. \ e_{1,6} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,6} \lor \lnot t_{\lnot e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{\lnot e_{1,6}, e_{2,6}} \vdash t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{\lnot e_{1,6}, e_$$

$$956. \ e_{1,6} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,6} \lor t_{e_{1,5}, \lnot e_{2,5}} \lor \lnot t_{e_{1,5}, \lnot e_{1,6}} \vdash t_{e_{1,5}, \lnot e_{2,5}} \lor \lnot t_{e_{1,5}, \lnot e_{1,6}} \lor t_{e_{1,2}, \lnot e_{2,3}}$$

957.
$$e_{1,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor \neg e_{5,6} \lor \neg e_{2,6} \vdash \neg e_{5,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,6}$$

$$958. \ e_{1,6} \lor t_{e_{1,2}, \lnot e_{2,3}}, t_{e_{1,2}, e_{1,3}} \lor \lnot e_{1,6} \lor \lnot t_{e_{1,5}, \lnot e_{1,6}} \vdash t_{e_{1,2}, e_{1,3}} \lor \lnot t_{e_{1,5}, \lnot e_{1,6}} \lor t_{e_{1,2}, \lnot e_{2,3}}$$

959.
$$e_{1,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,3} \lor \neg e_{1,6} \lor e_{1,2} \vdash \neg e_{1,3} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

960.
$$e_{1,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor \neg e_{4,6} \lor \neg e_{2,6} \vdash \neg e_{4,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,6}$$

961.
$$e_{1,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor t_{e_{1,5}, e_{2,5}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \vdash t_{e_{1,5}, e_{2,5}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$962. \ e_{1,6} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,6} \lor t_{\lnot e_{1,2}, \lnot e_{1,3}} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{1,6}} \vdash t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, \lnot e_{1,3}} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{1,6}}$$

$$963. \ e_{1,6} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,6} \lor t_{\lnot e_{1,2}, e_{1,3}} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{1,6}} \vdash t_{\lnot e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{1,6}} \lor t_{\lnot e_{1,5}, \lnot e_{1,6$$

964.
$$e_{1,6} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{5,6} \lor \neg e_{1,6} \lor \neg e_{2,6} \vdash e_{5,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,6}$$

$$965. \ e_{1,6} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,6} \lor t_{\lnot e_{1,5}, \lnot e_{2,5}} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{1,6}} \vdash t_{\lnot e_{1,5}, \lnot e_{2,5}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{1,6}}$$

$$966. \ e_{1,6} \lor t_{e_{1,2}, \lnot e_{2,3}}, t_{e_{1,5}, \lnot e_{2,5}} \lor \lnot e_{1,6} \lor \lnot t_{e_{1,5}, \lnot e_{1,6}} \vdash t_{e_{1,5}, \lnot e_{2,5}} \lor \lnot t_{e_{1,5}, \lnot e_{1,6}} \lor t_{e_{1,2}, \lnot e_{2,3}}$$

$$967. \ e_{1,6} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,6} \lor t_{\lnot e_{1,2}, e_{1,3}} \lor \lnot t_{e_{1,5}, \lnot e_{1,6}} \vdash t_{\lnot e_{1,2}, e_{1,3}} \lor \lnot t_{e_{1,5}, \lnot e_{1,6}} \lor t_{e_{1,2}, \lnot e_{2,3}}$$

968.
$$e_{1,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

$$969. \ e_{1,6} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{\lnot e_{1,6}, \lnot e_{2,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,6}, \lnot e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,6}, \lnot e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,6}, \lnot e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,6}, \lnot e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,6}, \lnot e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,6}, \lnot e_{2,6}} \lor t_{e_{1,2}, \lnot$$

$$970. \ e_{1,6} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,6} \lor \lnot t_{\lnot e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{1,2}, \lnot e_{2,3}} \vdash t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{1,2}, \lnot e_{2,3}}$$

971.
$$e_{1,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,6} \lor e_{1,3} \vdash \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

972.
$$e_{1,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

973.
$$e_{1,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor \neg e_{5,6} \lor e_{2,6} \vdash \neg e_{5,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,6}$$

$$974. \ e_{1,6} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,6} \lor \lnot t_{e_{1,5}, \lnot e_{1,6}} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{1,6}} \vdash \lnot t_{e_{1,5}, \lnot e_{1,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{1,6}}$$

975.
$$e_{1,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor e_{1,3} \lor e_{1,2} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

976.
$$e_{1,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor e_{4,6} \lor \neg e_{2,6} \vdash e_{4,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,6}$$

977.
$$e_{1,6} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,6} \lor e_{4,6} \lor e_{2,6} \vdash e_{4,6} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor e_{2,6}$$

$$978. \ e_{1,6} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,6} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{1,6}} \lor t_{e_{1,2}, \lnot e_{1,3}} \vdash t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{1,6}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

979.
$$e_{1,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor t_{\neg e_{1,5}, e_{2,5}}$$

980.
$$e_{1,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor t_{e_{1,2}, e_{1,3}} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}}$$

981.
$$e_{1,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor \neg e_{4,6} \lor e_{2,6} \vdash \neg e_{4,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,6}$$

$$982. \ e_{1,6} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,6} \lor \lnot t_{\lnot e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}} \vdash t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{1,6}, \lnot e_$$

983.
$$e_{1,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,5}, \neg e_{1,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

984.
$$e_{1,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg e_{1,6} \vdash \neg e_{1,2} \lor \neg e_{1,3} \lor t_{e_{1,2}, \neg e_{2,3}}$$

985.
$$e_{1,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$986. \ e_{1,6} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,6} \lor t_{\lnot e_{1,6}, e_{2,6}} \lor \lnot t_{\lnot e_{1,6}, e_{2,6}} \vdash t_{\lnot e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,6}} \lor t_{e_{1,2$$

987.
$$e_{1,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

988.
$$e_{1,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

989.
$$e_{1,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,5}, \neg e_{1,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

990.
$$e_{1,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}}$$

991.
$$e_{1,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

992.
$$e_{1,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,3} \lor \neg e_{1,6} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

993.
$$e_{1,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor \neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash \neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

994.
$$e_{1,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{4,6} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{4,6} \lor t_{e_{1,2}, \neg e_{2,3}}$$

995.
$$e_{1,6} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{5,6} \lor \neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

996.
$$e_{1,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

997.
$$e_{1,6} \lor t_{e_{1,2},\, \neg e_{2,3}}, \neg e_{1,6} \lor \neg e_{5,6} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg e_{5,6} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

998.
$$e_{1,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor \neg e_{4,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg e_{4,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

999.
$$e_{1,6} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{5,6} \lor \neg e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{5,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$1000. \ \ e_{1,6} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,6} \lor e_{4,6} \lor t_{e_{1,2}, \lnot e_{1,3}} \vdash e_{4,6} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

1001.
$$e_{1,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$1002. \ e_{1,6} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,2} \lor \lnot e_{1,6} \lor t_{e_{1,2}, e_{2,3}} \vdash \lnot e_{1,2} \lor t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}}$$

$$1003. \ e_{1,6} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,6} \lor t_{e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,$$

1004.
$$e_{1,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor \neg e_{5,6} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash \neg e_{5,6} \lor t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$1005. \ \ e_{1,6} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,6} \lor t_{\lnot e_{1,2}, e_{1,3}} \lor \lnot e_{4,6} \vdash t_{\lnot e_{1,2}, e_{1,3}} \lor \lnot e_{4,6} \lor t_{e_{1,2}, \lnot e_{2,3}}$$

1006.
$$e_{1,6} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{5,6} \lor \neg e_{1,6} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash e_{5,6} \lor t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$1007. \ e_{1,6} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,6} \lor e_{4,6} \lor t_{\lnot e_{1,2}, e_{1,3}} \vdash e_{4,6} \lor t_{\lnot e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \lnot e_{2,3}}$$

$$1008. \ e_{1,6} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,6} \lor t_{\lnot e_{1,3}, e_{2,3}} \lor e_{1,2} \vdash t_{\lnot e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor e_{1,2}$$

$$1009. \ e_{1,6} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,2} \lor \lnot e_{1,6} \lor t_{\lnot e_{1,3}, e_{2,3}} \vdash \lnot e_{1,2} \lor t_{\lnot e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}}$$

1010.
$$e_{1,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

1011.
$$e_{1,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor e_{2,3} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,3} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

$$1012. \ e_{1,6} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,6} \lor \lnot t_{\lnot e_{1,6}, \lnot e_{2,6}} \lor e_{2,3} \vdash t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,6}, \lnot e_{2,6}} \lor e_{2,3}$$

$$1013. \ e_{1,6} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,6} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}} \lor e_{1,3} \vdash \lnot t_{e_{1,2}, \lnot e_{1,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor e_{1,3}$$

1014.
$$e_{1,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{1,2} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{1,2}$$

$$1015. \ e_{1,6} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,3} \lor \lnot e_{1,6} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}} \vdash \lnot e_{1,3} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}} \lor t_{e_{1,2}, \lnot e_{2,3}}$$

$$1016. \ \ e_{1,6} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,6} \lor \lnot t_{e_{1,5}, \lnot e_{1,6}} \lor e_{1,2} \vdash \lnot t_{e_{1,5}, \lnot e_{1,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor e_{1,2}$$

1017.
$$e_{1,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor \neg e_{5,6} \lor e_{1,2} \vdash \neg e_{5,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

1018.
$$e_{1,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor \neg e_{4,6} \lor e_{1,2} \vdash \neg e_{4,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

1019.
$$e_{1,6} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{5,6} \lor \neg e_{1,6} \lor e_{1,2} \vdash e_{5,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

1020.
$$e_{1,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor e_{4,6} \lor e_{1,2} \vdash e_{4,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$1021. \ e_{1,6} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,6} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}} \lor t_{e_{1,2}, e_{2,3}} \vdash \lnot t_{e_{1,2}, \lnot e_{1,3}} \lor t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \lnot e$$

$$1022. \ e_{1,6} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,6} \lor t_{\lnot e_{1,3}, e_{2,3}} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}} \vdash t_{\lnot e_{1,3}, e_{2,3}} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2$$

1023.
$$e_{1,6} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,5} \lor \neg e_{1,6} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

1024.
$$e_{1,6} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{1,5} \lor \neg e_{1,6} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$1025. \ e_{1,6} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,6} \lor t_{\lnot e_{1,2}, e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e_{2,3}} \lor e_{1,2}$$

$$1026. \ e_{1,6} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,2} \lor \lnot e_{1,6} \lor t_{\lnot e_{1,2}, e_{2,3}} \vdash \lnot e_{1,2} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e_{2,3}}$$

$$1027. \ e_{1,6} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,6} \lor t_{e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e_{2,3}} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e$$

$$1028. \ e_{1,6} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,6} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}} \lor t_{\lnot e_{1,2}, e_{2,3}} \vdash \lnot t_{e_{1,2}, \lnot e_{1,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e_{2,3}} \lor t_{\lnot e_{1,2$$

1029.
$$e_{1,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}}$$

1030.
$$e_{1,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$1031. \ e_{1,6} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,6} \lor t_{e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}} \lor t_{e_{1,2}, \lnot e$$

$$1032. \ e_{1,6} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,6} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}} \lor t_{e_{1,2}, \lnot e_{1,3}} \vdash \lnot t_{e_{1,2}, \lnot e_{1,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$1033. \ e_{1,6} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,6} \lor e_{2,5} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{1,6}} \vdash t_{e_{1,2}, \lnot e_{2,3}} \lor e_{2,5} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{1,6}}$$

$$1034. \ e_{1,6} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,6} \lor \lnot e_{5,6} \lor \lnot t_{\lnot e_{1,6}, e_{2,6}} \vdash \lnot e_{5,6} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,6}, e_{2,6}}$$

$$1035. \ e_{1,6} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,6} \lor \lnot e_{4,6} \lor \lnot t_{\lnot e_{1,6}, e_{2,6}} \vdash \lnot e_{4,6} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,6}, e_{2,6}}$$

$$1036. \ e_{1,6} \lor t_{e_{1,2}, \lnot e_{2,3}}, e_{5,6} \lor \lnot e_{1,6} \lor \lnot t_{\lnot e_{1,6}, e_{2,6}} \vdash e_{5,6} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,6}, e_{2,6}}$$

1037.
$$e_{1,6} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,6} \lor e_{4,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash e_{4,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

$$1038. \ e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, t_{e_{1,2}, e_{1,3}} \lor \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor \neg t_{\neg e_{1,2}, e_{1,3}}$$

1039.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor e_{1,5} \lor e_{1,3} \vdash e_{1,5} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,3}$$

$$1040. \ e_{1,2} \lor t_{\neg e_{1,3}, \, e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg e_{2,6} \vdash \neg e_{2,3} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor \neg e_{2,6}$$

1041.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg e_{1,5} \vdash \neg e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}} \lor \neg e_{1,5}$$

$$1042. \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{2,3} \vdash \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor e_{2,3}$$

$$1043. \ e_{1,2} \lor t_{\neg e_{1,3}, \, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash t_{\neg e_{1,3}, \, e_{2,3}} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{1,2},$$

$$1044. \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,3},\, e_{2,3}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,3},\, e_{2,3}}$$

$$1045. \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}}$$

$$1046. \ \ e_{1,2} \lor t_{\lnot e_{1,3}, \, e_{2,3}}, \lnot e_{1,2} \lor e_{2,5} \lor e_{2,3} \vdash t_{\lnot e_{1,3}, \, e_{2,3}} \lor e_{2,5} \lor e_{2,3}$$

1047.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

$$1048. \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}}$$

$$1049. \ \ e_{1,2} \lor t_{\neg e_{1,3}, \, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,3}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \, e_{1,3}} \vdash t_{e_{1,3}, \, \neg e_{2,3}} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor \neg t_{\neg e_{1,2}, \, e_{1,3}}$$

1050.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor e_{2,6} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{2,6}$$

$$1051. \ \ e_{1,2} \lor t_{\neg e_{1,3}, \, e_{2,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2}, \, e_{1,3}} \lor \neg t_{\neg e_{1,2}, \, e_{1,3}} \vdash t_{\neg e_{1,2}, \, e_{1,3}} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor \neg t_{\neg e_{1,2}, \, e_{1,3}}$$

$$1052. \ \ e_{1,2} \lor t_{\neg e_{1,3}, \ e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,3}, \ \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \ \neg e_{2,3}} \vdash t_{e_{1,3}, \ \neg e_{2,3}} \lor t_{\neg e_{1,3}, \ e_{2,3}} \lor \neg t_{\neg e_{1,2}, \ \neg e_{2,3}}$$

$$1053. \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor t_{\neg e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor$$

$$1054. \ \ e_{1,2} \lor t_{\neg e_{1,3}, \, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \, e_{2,3}} \lor \neg t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}$$

$$1055. \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,5} \lor e_{1,3} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor \neg e_{1,5} \lor e_{1,3}$$

$$1056. \ e_{1,2} \lor t_{\neg e_{1,3}, \, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,3}, \, e_{2,3}} \lor \neg t_{\neg e_{1,2}, \, e_{1,3}} \vdash t_{\neg e_{1,3}, \, e_{2,3}} \lor t_{e_{1,3}, \, e_{2,3}} \lor \neg t_{\neg e_{1,2}, \, e_{1,3}}$$

1057.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor e_{1,5} \lor \neg e_{1,3} \vdash e_{1,5} \lor \neg e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}}$$

1058.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,6} \lor e_{1,3} \vdash \neg e_{1,6} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,3}$$

$$1059. \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,5} \lor e_{2,3} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor \neg e_{2,5} \lor e_{2,3}$$

$$1060. \ \ e_{1,2} \lor t_{\neg e_{1,3}, \, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor t_{e_{1,2}, \, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor t_{e_{1,2}, \, \neg e_{1,3}}$$

$$1061. \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor t_{\neg e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}}$$

$$1062. \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}$$

1063.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor e_{1,6} \lor e_{1,3} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,6} \lor e_{1,3}$$

1064.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg e_{2,5} \vdash \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}} \lor \neg e_{2,5}$$

1065.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg e_{2,6} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor e_{2,3} \lor \neg e_{2,6}$$

$$1066. \ \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}$$

$$1067. \ \ e_{1,2} \lor t_{\lnot e_{1,3}, \, e_{2,3}}, \lnot e_{1,2} \lor \lnot e_{2,3} \lor e_{2,5} \vdash \lnot e_{2,3} \lor t_{\lnot e_{1,3}, \, e_{2,3}} \lor e_{2,5}$$

$$1068. \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_$$

$$1069. \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \vdash \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{1,3}}$$

$$1070. \ \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \vdash \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,3},\, e_{2,3}}$$

1071.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg e_{1,6} \vdash \neg e_{1,3} \lor \neg e_{1,6} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$1072. \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor e_{2,6} \vdash \neg e_{2,3} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor e_{2,6}$$

1073.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor e_{1,6} \vdash \neg e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,6}$$

$$1074. \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{1,3}}$$

$$1075. \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor t_{e_{1,6},\, \neg e_{2,6}} \vdash \neg e_{2,3} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,6},\, \neg e_{2,6}}$$

$$1076. \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor e_{2,3} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor e_{2,3}$$

$$1077. \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg e_{2,3} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$1078. \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$1079. \ e_{1,2} \lor t_{\neg e_{1,3}, \, e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash \neg e_{1,3} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}}$$

$$1080. \ \ e_{1,2} \lor t_{\lnot e_{1,3}, \, e_{2,3}}, \lnot e_{1,2} \lor t_{\lnot e_{1,2}, \, e_{2,3}} \lor e_{1,3} \vdash t_{\lnot e_{1,3}, \, e_{2,3}} \lor t_{\lnot e_{1,2}, \, e_{2,3}} \lor e_{1,3}$$

$$1081. \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,5} \lor t_{e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor \neg e_{1,5} \lor t_{e_{1,2},\, e_{2,3}}$$

1082.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor e_{1,5} \lor t_{e_{1,2}, e_{2,3}} \vdash e_{1,5} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

$$1083. \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,6} \lor t_{e_{1,2},\, e_{2,3}} \vdash \neg e_{1,6} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}}$$

$$1084. \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{2,3}} \lor e_{1,6} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}} \lor e_{1,6}$$

$$1085. \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_$$

$$1086. \ \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash \neg e_{1,3} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}}$$

1087.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

$$1088. \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2$$

1089.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,6} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,6}$$

$$1090. \ \ e_{1,2} \lor t_{\neg e_{1,3}, \, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg e_{2,5} \vdash t_{\neg e_{1,3}, \, e_{2,3}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg e_{2,5}$$

1091.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,5} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,5}$$

1092.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,6} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,6}$$

$$1093. \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}}$$

$$1094. \ \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

1095.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor \neg e_{2,6}$$

$$1096. \ e_{1,2} \lor t_{\neg e_{1,3}, \, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \, e_{1,3}} \lor \neg e_{2,5} \vdash t_{e_{1,2}, \, e_{1,3}} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor \neg e_{2,5}$$

$$1097. \ e_{1,2} \lor t_{\lnot e_{1,3},\, e_{2,3}}, \lnot e_{1,2} \lor t_{e_{1,2},\, e_{1,3}} \lor e_{2,5} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{\lnot e_{1,3},\, e_{2,3}} \lor e_{2,5}$$

1098.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \lor e_{2,6} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{2,6}$$

$$1099. \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,6},\, \neg e_{2,6}} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,6},\, \neg e_{2,6}}$$

$$1100. \ \ e_{1,2} \lor t_{\lnot e_{1,3}, \, e_{2,3}}, \lnot e_{1,2} \lor t_{e_{1,2}, \, e_{1,3}} \lor t_{e_{1,2}, \, \lnot e_{1,3}} \vdash t_{e_{1,2}, \, e_{1,3}} \lor t_{\lnot e_{1,3}, \, e_{2,3}} \lor t_{e_{1,2}, \, \lnot e_{1,3}}$$

$$1101. \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor t_{\neg e_{1,2},\, e_{1,3}} \vdash \neg e_{2,3} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,3},\, e_{2,3}}$$

$$1102. \ \ e_{1,2} \lor t_{\lnot e_{1,3}, \, e_{2,3}}, \lnot e_{1,2} \lor t_{\lnot e_{1,2}, \, e_{1,3}} \lor e_{2,3} \vdash t_{\lnot e_{1,2}, \, e_{1,3}} \lor t_{\lnot e_{1,3}, \, e_{2,3}} \lor e_{2,3}$$

1103.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

1104.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$1105. \ \ e_{1,2} \lor t_{\neg e_{1,3}, \, e_{2,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor e_{2,3} \vdash t_{\neg e_{1,3}, \, e_{2,3}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor e_{2,3}$$

$$1106. \ \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash \neg e_{2,3} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}}$$

$$1107. \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}}$$

$$1108. \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}}$$

1109.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}} \lor \neg e_{1,5} \vdash \neg e_{1,5} \lor t_{\neg e_{1,3}, e_{2,3}}$$

1110.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor e_{1,5} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash e_{1,5} \lor t_{\neg e_{1,3}, e_{2,3}}$$

1111.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,6} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash \neg e_{1,6} \lor t_{\neg e_{1,3}, e_{2,3}}$$

1112.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,6} \vdash e_{1,6} \lor t_{\neg e_{1,3}, e_{2,3}}$$

1113.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

1114.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

1115.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{2,6} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{2,6}$$

1116.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{2,5} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{2,5}$$

$$1117. \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,5} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,5}$$

1118.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,6} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,6}$$

$$1119. \ e_{1,2} \lor t_{\neg e_{1,3}, \, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \vdash t_{\neg e_{1,3}, \, e_{2,3}} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}}$$

$$1120. \ \ e_{1,2} \lor t_{\neg e_{1,3}, \, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{e_{1,2}, \, \neg e_{1,3}} \vdash t_{\neg e_{1,3}, \, e_{2,3}} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{e_{1,2}, \, \neg e_{1,3}}$$

1121.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor e_{2,3} \vdash \neg e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{2,3}$$

1122.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor e_{1,3} \lor e_{2,3} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{2,3}$$

1123.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}} \lor e_{2,3} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{2,3}$$

$$1124. \ \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{$$

$$1125. \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}}$$

1126.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$1127. \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg e_{2,6} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor \neg e_{2,6}$$

$$1128. \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg e_{2,5} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor \neg e_{2,5}$$

$$1129. \ \ e_{1,2} \lor t_{\lnot e_{1,3}, \, e_{2,3}}, \lnot e_{1,2} \lor t_{\lnot e_{1,2}, \, e_{1,3}} \lor e_{2,5} \vdash t_{\lnot e_{1,2}, \, e_{1,3}} \lor t_{\lnot e_{1,3}, \, e_{2,3}} \lor e_{2,5}$$

1130.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,6} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{2,6}$$

1131.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,6}, \neg e_{2,6}}$$

$$1132. \ e_{1,2} \lor t_{\neg e_{1,3}, \, e_{2,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2}, \, e_{1,3}} \lor t_{e_{1,2}, \, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, \, e_{1,3}} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor t_{e_{1,2}, \, \neg e_{1,3}}$$

1133.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$1134. \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,5},\, \neg e_{2,5}} \lor e_{2,3} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor e_{2,3}$$

$$1135. \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,5},\, \neg e_{2,5}} \lor \neg e_{2,3} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor \neg e_{2,3} \lor t_{\neg e_{1,3},\, e_{2,3}}$$

1136.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

1137.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$1138. \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}$$

$$1139. \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, e_{1,3}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,3},\, e_{2,3}}$$

$$1140. \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,3} \lor \neg e_{1,2} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \vdash \neg e_{1,3} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}}$$

1141.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,3} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,3}$$

1142.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,5}, \neg e_{2,5}}$$

$$1143. \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \vdash \neg t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,3},\, e_{2,3}}$$

1144.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor e_{1,5} \lor e_{2,3} \vdash e_{1,5} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{2,3}$$

1145.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor e_{1,5} \lor \neg e_{2,3} \vdash e_{1,5} \lor \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}}$$

1146.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash e_{1,5} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$1147. \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor e_{1,5} \lor t_{e_{1,2},\, e_{1,3}} \vdash e_{1,5} \lor t_{e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,3},\, e_{2,3}}$$

1148.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor e_{1,5} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \vdash e_{1,5} \lor t_{\neg e_{1,3}, e_{2,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}}$$

1149.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor e_{1,5} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash e_{1,5} \lor t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

1150.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor \neg e_{1,5} \lor t_{\neg e_{1,2}, e_{2,3}}$$

1151.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor e_{1,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash e_{1,5} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$1152. \ e_{1,2} \lor t_{\neg e_{1,3}, \, e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,6} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash \neg e_{1,6} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}}$$

1153.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$1154. \ \ e_{1,2} \lor t_{\neg e_{1,3}, \, e_{2,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash t_{\neg e_{1,3}, \, e_{2,3}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}}$$

1155.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,3} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,3}$$

$$1156. \ \ e_{1,2} \lor t_{\neg e_{1,3}, \, e_{2,3}}, \neg e_{1,2} \lor \neg t_{e_{1,5}, \, \neg e_{2,5}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash t_{\neg e_{1,3}, \, e_{2,3}} \lor \neg t_{e_{1,5}, \, \neg e_{2,5}} \lor t_{\neg e_{1,2}, \, e_{2,3}}$$

1157.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,5} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor \neg e_{1,5} \lor t_{e_{1,2}, \neg e_{1,3}}$$

1158.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor e_{1,5} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,5} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$1159. \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,6} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg e_{1,6} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

1160.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$1161. \ \ e_{1,2} \lor t_{\neg e_{1,3}, \, e_{2,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{e_{1,2}, \, \neg e_{1,3}} \vdash t_{\neg e_{1,3}, \, e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{e_{1,2}, \, \neg e_{1,3}}$$

$$1162. \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

1163.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$1164. \ \ e_{1,2} \lor t_{\neg e_{1,3}, \, e_{2,3}}, \neg e_{1,2} \lor \neg t_{e_{1,5}, \, \neg e_{2,5}} \lor t_{e_{1,2}, \, \neg e_{1,3}} \vdash t_{\neg e_{1,3}, \, e_{2,3}} \lor \neg t_{e_{1,5}, \, \neg e_{2,5}} \lor t_{e_{1,2}, \, \neg e_{1,3}}$$

1165.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

$$1166. \ \ e_{1,2} \lor t_{\neg e_{1,3}, \ e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor t_{\neg e_{1,3}, \ e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

1167.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$1168. \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}}$$

$$1169. \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$1170. \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

1171.
$$e_{1,2} \lor t_{\neg e_{1,3}, \, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \, e_{1,3}} \lor e_{2,3} \vdash t_{e_{1,2}, \, e_{1,3}} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor e_{2,3}$$

1172.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \lor \neg e_{2,3} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}}$$

1173.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$1174. \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}$$

$$1175. \ e_{1,2} \vee t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \vee t_{e_{1,2},\, e_{1,3}} \vee t_{\neg e_{1,2},\, e_{1,3}} \vdash t_{e_{1,2},\, e_{1,3}} \vee t_{\neg e_{1,2},\, e_{1,3}} \vee t_{\neg e_{1,3},\, e_{2,3}}$$

1176.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,3} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,3}$$

$$1177. \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \vdash \neg e_{2,3} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}}$$

$$1178. \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{e_{1,2},\, \neg e_{2,3}}$$

$$1179. \ e_{1,2} \lor t_{\neg e_{1,3}, \, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \, e_{1,3}} \lor \neg t_{\neg e_{1,5}, \, e_{2,5}} \vdash t_{e_{1,2}, \, e_{1,3}} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor \neg t_{\neg e_{1,5}, \, e_{2,5}}$$

$$1180. \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t$$

1181.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor \neg t_{\neg e_{1,5}, e_{2,5}}$$

1182.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor \neg e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$1183. \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,5} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor \neg e_{2,5} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$1184. \ \ e_{1,2} \lor t_{\lnot e_{1,3}, \, e_{2,3}}, \lnot e_{1,2} \lor e_{2,5} \lor t_{e_{1,2}, \, \lnot e_{1,3}} \vdash t_{\lnot e_{1,3}, \, e_{2,3}} \lor e_{2,5} \lor t_{e_{1,2}, \, \lnot e_{1,3}}$$

1185.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$1186. \ \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

1187.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$1188. \ e_{1,2} \vee t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \vee t_{\neg e_{1,2},\, \neg e_{1,3}} \vee t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \vee t_{\neg e_{1,2},\, \neg e_{1,3}} \vee t_{e_{1,2},\, \neg e_{1,3}} \vee t_{e_{1,2$$

$$1189. \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$1190. \ \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor e_{1,5} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash e_{1,5} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

1191.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$1192. \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$1193. \ e_{1,2} \lor t_{\lnot e_{1,3},\, e_{2,3}}, \lnot e_{1,2} \lor t_{\lnot e_{1,6},\, e_{2,6}} \lor e_{1,3} \vdash t_{\lnot e_{1,6},\, e_{2,6}} \lor t_{\lnot e_{1,3},\, e_{2,3}} \lor e_{1,3}$$

$$1194. \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor t_{\neg e_{1,6},\, e_{2,6}} \vdash \neg e_{1,3} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,3},\, e_{2,3}}$$

1195.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

1196.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

1197.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$1198. \ e_{1,2} \vee t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \vee t_{\neg e_{1,6},\, e_{2,6}} \vee t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \vee t_{\neg e_{1,3},\, e_{2,3}} \vee t_{e_{1,2},\, \neg e_{1,3}}$$

$$1199. \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \lor e_{1,3} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \lor e_{1,3}$$

1200.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \vdash \neg e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}} \lor \neg t_{e_{1,6}, \neg e_{2,6}}$$

1201.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor e_{1,6} \vdash \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,6}$$

1202.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor e_{1,6} \lor e_{2,3} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,6} \lor e_{2,3}$$

$$1203. \ e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,6}, \neg e$$

1204.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6}$$

$$1205. \ \ e_{1,2} \lor t_{\lnot e_{1,3}, \, e_{2,3}}, \lnot e_{1,2} \lor t_{e_{1,2}, \, e_{1,3}} \lor e_{1,6} \vdash t_{e_{1,2}, \, e_{1,3}} \lor t_{\lnot e_{1,3}, \, e_{2,3}} \lor e_{1,6}$$

1206.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$1207. \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,6} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,6}$$

$$1208. \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor e_{1,6} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor e_{1,6}$$

$$1209. \ e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$1210. \ \ e_{1,2} \lor t_{\neg e_{1,3}, \, e_{2,3}}, \neg e_{1,2} \lor \neg t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{1,3}} \vdash t_{\neg e_{1,3}, \, e_{2,3}} \lor \neg t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{1,3}}$$

$$1211. \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor e_{1,6} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor e_{1,6} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

1212.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}$$

1213.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$1214. \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_$$

1215.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$1216. \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{e_{2,2},\, e_{2,2}} \lor t_{e_{2,2},\, e_{2,2}} \lor t_{e_{2,2},\, e_{2,2}} \lor t_{e_{2,2},\, e_{2,2}} \lor t_{e_{2,2},$$

1217.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

$$1218. \ e_{1,2} \vee t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \vee e_{2,3} \vee \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \vee e_{2,3} \vee \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$1219. \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$1220. \ e_{1,2} \lor t_{\neg e_{1,3}, \, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \, e_{1,3}} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}} \vdash t_{e_{1,2}, \, e_{1,3}} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}$$

$$1221. \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t$$

$$1222. \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg$$

$$1223. \ e_{1,2} \lor t_{\neg e_{1,3}, \, e_{2,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{1,3}} \vdash t_{\neg e_{1,3}, \, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{1,3}}$$

1224.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor e_{1,3} \lor e_{2,6} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{2,6}$$

1225.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor e_{2,6} \vdash \neg e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{2,6}$$

1226.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}} \lor e_{2,6} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{2,6}$$

1227.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{2,6} \vdash e_{2,6} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$1228. \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,6} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,6}$$

1229.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

1230.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

$$1231. \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash \neg e_{1,3} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}}$$

$$1232. \ e_{1,2} \vee t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \vee t_{e_{1,2},\, e_{2,3}} \vee t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \vee t_{e_{1,2},\, e_{2,3}} \vee t_{e_{1,2},\, \neg e_{2,3}} \vee t_{e_{1,2},\, e_{2,3}} \vee t_{e_{1,2},\, e_{2,3}} \vee t_{e_{2,2},\, e_{2,2}} \vee t_{e_{2,2},\, e_$$

1233.
$$e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$1234. \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},$$

$$1235. \ e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$1236.\ \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{1,2} \vdash t_{\neg e_{1,3},\,e_{2,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{1,2}$$

$$1237. \ \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \vdash t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$1238. \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,3},\,e_{2,3}}, t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,e_{1,3}} \lor e_{1,2} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor e_{1,2}$$

$$1239. \ \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,3} \vdash t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}$$

$$1240.\ \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,3} \vdash t_{\neg e_{1,3},\,e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,3}$$

1241.
$$t_{e_{1,2},e_{1,3}} \lor t_{\neg e_{1,3},e_{2,3}}, t_{e_{1,3},\neg e_{2,3}} \lor \neg t_{e_{1,2},e_{1,3}} \lor e_{1,2} \vdash t_{e_{1,3},\neg e_{2,3}} \lor t_{\neg e_{1,3},e_{2,3}} \lor e_{1,2}$$

$$1242. \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,e_{1,3}} \lor e_{1,3} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{\neg e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$1243. \ \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,3},\,e_{2,3}}, \neg t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor e_{1,2} \vdash t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}$$

1244.
$$t_{e_{1,2},e_{1,3}} \lor t_{\neg e_{1,3},e_{2,3}}, \neg t_{e_{1,2},e_{1,3}} \lor e_{1,3} \lor e_{1,2} \vdash t_{\neg e_{1,3},e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$1245. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, e_{1,3}} \lor \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},$$

1246.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{1,5} \lor e_{1,3} \vdash e_{1,5} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}$$

1247.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg e_{2,6} \vdash \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{2,6}$$

1248.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg e_{1,5} \vdash \neg e_{1,3} \lor \neg e_{1,5} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$1249. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{2,3} \vdash \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,3}$$

1250.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}}$$

$$1251. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,3},\, e_{2,3}} \vdash \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},$$

$$1252. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t$$

1253.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{2,5} \lor e_{2,3} \vdash e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,3}$$

1254.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \vdash \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}$$

$$1255. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1$$

$$1256. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg$$

1257.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{2,3} \lor e_{2,6} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,3} \lor e_{2,6}$$

$$1258. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1$$

$$1259. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg$$

$$1260. \ t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \, \neg e_{1,3}} \vdash t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor \neg t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,$$

$$1261. \ t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2},$$

1262.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,5} \lor e_{1,3} \vdash \neg e_{1,5} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}$$

$$1263.\ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \vdash t_{e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,$$

1264.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{1,5} \lor \neg e_{1,3} \vdash e_{1,5} \lor \neg e_{1,3} \lor t_{\neg e_{1,2}, e_{2,3}}$$

1265.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,6} \lor e_{1,3} \vdash \neg e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}$$

1266.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{2,5} \lor e_{2,3} \vdash \neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,3}$$

$$1267. \ t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor t_{e_{1,2}, \, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{e_{1,2}, \, \neg e_{1,3}} \lor t_{e_{1,2$$

$$1268.\ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash t_{\neg e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_$$

$$1269.\ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\,$$

1270.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{1,6} \lor e_{1,3} \vdash e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}$$

1271.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg e_{2,5} \vdash \neg e_{2,3} \lor \neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$1272. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{2,3} \lor \neg e_{2,6} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,3} \lor \neg e_{2,6}$$

$$1273. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t$$

1274.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{2,3} \lor e_{2,5} \vdash \neg e_{2,3} \lor e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$1275. \ t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{1$$

$$1276. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \vdash \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t$$

$$1277. \ t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor t_{\neg e_{1,3}, \, e_{2,3}} \vdash \neg t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{1$$

1278.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg e_{1,6} \vdash \neg e_{1,3} \lor \neg e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}}$$

1279.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{2,3} \lor e_{2,6} \vdash \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,6}$$

1280.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,3} \lor e_{1,6} \vdash \neg e_{1,3} \lor e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$1281. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},$$

$$1282. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{2,3} \lor t_{e_{1,6},\, \neg e_{2,6}} \vdash \neg e_{2,3} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$1283.\ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor e_{2,3} \vdash t_{e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,3}$$

$$1284. \ t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,2}, \, \neg e_{1,2} \lor \neg e_{2,3} \lor t_{e_{1,2}, \, \neg e_{1,3}} \vdash \neg e_{2,3} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{e_{1,2}, \, \neg e_{1,3}}$$

$$1285. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{2,3} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

1286.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,3} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{1,3}$$

1287.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}$$

1288.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,5} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg e_{1,5} \lor t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$1289.\ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{1,5} \lor t_{e_{1,2},\, e_{2,3}} \vdash e_{1,5} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

1290.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,6} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg e_{1,6} \lor t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$1291. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,2},\, e_{2,3}} \lor e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$1292.\ t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{\neg e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}}$$

1293.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,3} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$1294. \ t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor e_{1,3} \vdash t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,3}$$

$$1295. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},$$

$$1296.\ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{2,6}$$

$$1297. \ t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg e_{2,5} \vdash t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg e_{2,5} \lor t_{\neg e_{1,2}, \, e_{2,3}}$$

1298.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,5} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$1299.\ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,6} \vdash t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,6}$$

1300.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

1301.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

1302.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{2,6}$$

1303.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \lor \neg e_{2,5} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$1304. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{1,3}} \lor e_{2,5} \vdash t_{e_{1,2},\, e_{1,3}} \lor e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

1305.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \lor e_{2,6} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,6}$$

$$1306. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,6},\, \neg e_{2,6}} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_$$

1307.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

1308.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$1309. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,3} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,3}$$

1310.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

1311.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

1312.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \vdash t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,3}$$

1313.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$1314. \ t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \vdash t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}}$$

$$1315. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},$$

$$1316.\ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor \neg e_{1,5} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor \neg e_{1,5} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

1317.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{1,5} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash e_{1,5} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

1318.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,6} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash \neg e_{1,6} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$1319.\ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor e_{1,6} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

1320.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$1321. \ t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \, e_{2,3}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{1,2},$$

$$1322. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{2,6} \vdash \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{2,6}$$

$$1323. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$1324. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,5} \vdash \neg t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,5} \lor \lor e_{$$

1325.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,6} \vdash \neg t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,6}$$

$$1326. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1$$

$$1327. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

1328.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,3} \lor e_{2,3} \vdash \neg e_{1,3} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,3}$$

1329.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{1,3} \lor e_{2,3} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3} \lor e_{2,3}$$

1330.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,3}$$

$$1331. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1$$

$$1332. \ t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}}$$

$$1333. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor e_{2,3} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,3}$$

1334.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}} \lor \neg e_{2,6} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{2,6}$$

1335.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}} \lor \neg e_{2,5} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor \neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$1336. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,5} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

1337.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,6} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,6}$$

1338.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

1339.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

1340.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

1341.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,3} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,3}$$

1342.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,5}, \neg e_{2,5}} \lor \neg e_{2,3} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$1343.\ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

1344.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$1345. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1$$

$$1346.\ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, e_{1,3}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

1347.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,3} \lor \neg e_{1,2} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$1348.\ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,3} \vdash \neg t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}$$

$$1349. \ t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2}, \, e_{2,3}} \lor \neg t_{e_{1,5}, \, \neg e_{2,5}} \vdash t_{e_{1,2}, \, e_{2,3}} \lor \neg t_{e_{1,5}, \, \neg e_{2,5}} \lor t_{\neg e_{1,2}, \, e_{2,3}}$$

$$1350.\ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,$$

1351.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{1,5} \lor e_{2,3} \vdash e_{1,5} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,3}$$

1352.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{1,5} \lor \neg e_{2,3} \vdash e_{1,5} \lor \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}}$$

1353.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

1354.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{1,5} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{1,5} \lor t_{\neg e_{1,2}, e_{2,3}}$$

1355.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{1,5} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \vdash e_{1,5} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$1356. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{1,5} \lor t_{\neg e_{1,2},\, e_{1,3}} \vdash e_{1,5} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

1357.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{1,5}$$

1358.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{1,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,5}$$

1359.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{1,6}$$

1360.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,6}$$

$$1361. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}}$$

1362.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,3} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,3}$$

$$1363. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}}$$

1364.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,5} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,5} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

1365.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{1,5} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,5} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

1366.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

1367.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

1368.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

1369.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$1370.\ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{2,3} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$1371. \ t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{e_{1,5}, \, \neg e_{2,5}} \lor t_{e_{1,2}, \, \neg e_{1,3}} \vdash \neg t_{e_{1,5}, \, \neg e_{2,5}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{e_{1,2}, \, \neg e_{1,3}}$$

$$1372. \ t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor e_{1,3} \vdash t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,3}$$

$$1373.\ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,3} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash \neg e_{1,3} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2}$$

$$1374. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},$$

$$1375. \ t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \, e_{2,3}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{1,2},$$

1376.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$1377. \ t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor t_{e_{1,2}, \, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{e_{1,2}, \, \neg e_{1,3}}$$

1378.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \lor e_{2,3} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,3}$$

1379.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \lor \neg e_{2,3} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$1380.\ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{$$

$$1381. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},$$

$$1382. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_$$

$$1383. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,3} \vdash \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,3}$$

$$1384. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \vdash \neg e_{2,3} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg$$

$$1385. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1$$

$$1386. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \vdash t_{e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$1387. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \vdash \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t$$

1388.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

1389.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$1390. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{2,5} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

1391.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

1392.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

1393.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

1394.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$1395.\ t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{\neg e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$1396.\ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$1397. \ t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{1,5} \lor t_{e_{1,2}, \, \neg e_{1,3}} \vdash e_{1,5} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{e_{1,2}, \, \neg e_{1,3}}$$

$$1398.\ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$1399.\ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$1400.\ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor e_{1,3} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}$$

1401.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,3} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{1,3} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$1402. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_$$

1403.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$1404. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,6},\, e_{2,6}}$$

$$1405. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,2},\,$$

1406.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,3} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}$$

$$1407. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

1408.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{2,3} \lor e_{1,6} \vdash \neg e_{2,3} \lor e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}}$$

1409.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{1,6} \lor e_{2,3} \vdash e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,3}$$

$$1410. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \lor t_{e_{1,2},\, e_{2,3}} \vdash \neg t_{e_{1,6},\, \neg e_{2,6}} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},$$

1411.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}}$$

1412.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \lor e_{1,6} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$1413.\ t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \vdash t_{\neg e_{1,3},\,e_{2,3}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$1414. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,6} \vdash \neg t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

1415.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,6} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}}$$

1416.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,6}, \neg e_{2,6}}$$

$$1417. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$1418.\ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{1,6} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

1419.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}$$

1420.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,3} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{1,3}$$

1421.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

1422.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$1423.\ t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{\neg e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$1424. \ t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}} \vdash \neg e_{2,3} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}$$

1425.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,3} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

$$1426. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg$$

$$1427. \ t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2}, \, e_{1,3}} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}} \vdash t_{e_{1,2}, \, e_{1,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}$$

$$1428. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t$$

$$1429. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg$$

$$1430.\ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

1431.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{1,3} \lor e_{2,6} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3} \lor e_{2,6}$$

1432.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,3} \lor e_{2,6} \vdash \neg e_{1,3} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,6}$$

1433.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}} \lor e_{2,6} \vdash t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,6}$$

$$1434. \ t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor e_{2,6} \vdash t_{\neg e_{1,3}, \, e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{2,6}$$

1435.
$$t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{2,6} \vdash t_{\neg e_{1,2},\,e_{2,3}} \lor e_{2,6}$$

1436.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$1437. \ t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}$$

1438.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,3} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$1439. \ t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2}, \, e_{2,3}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \vdash t_{e_{1,2}, \, e_{2,3}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,$$

1440.
$$t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$1441. \ t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{e_{1,2}, \, \neg e_{2,3}}$$

$$1442. \ t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{e_{1,2}, \, \neg e_{1,3}} \vdash t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{e_{1,2}, \, \neg e_{1,3}}$$

$$1443. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}}, t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{2,6}$$

$$1444. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{\neg e_{1,2},\,e_{2,3}} \lor e_{2,6} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$1445. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash e_{1,6} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$1446. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}}, t_{\neg e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \vdash t_{\neg e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,6}$$

1447.
$$t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,6} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,6}$$

$$1448. \ \ t_{e_{1,6},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,e_{2,3}}, t_{\lnot e_{1,2},\,e_{1,3}} \lor \lnot t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \vdash t_{\lnot e_{1,2},\,e_{1,3}} \lor t_{\lnot e_{1,2},\,e_{2,3}} \lor e_{2,6}$$

$$1449. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,e_{2,3}}, \lnot t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,6},\,\lnot e_{2,6}} \lor e_{2,6} \vdash t_{e_{1,6},\,\lnot e_{2,6}} \lor t_{\lnot e_{1,2},\,e_{2,3}} \lor e_{2,6}$$

1450.
$$t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

1451.
$$t_{e_{1,6},e_{2,6}} \lor t_{\neg e_{1,2},e_{2,3}}, \neg t_{e_{1,6},e_{2,6}} \lor t_{\neg e_{1,2},\neg e_{2,3}} \lor e_{1,6} \vdash t_{\neg e_{1,2},e_{2,3}} \lor e_{1,6} \lor t_{\neg e_{1,2},\neg e_{2,3}}$$

$$1452. \ t_{e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}}, \neg t_{e_{1,6},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,6} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,6}$$

$$1453. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor e_{1,6} \vdash \neg t_{e_{1,6},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,6}$$

$$1454. \ \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,6} \vdash t_{\neg e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,6}$$

$$1455. \ \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,3} \vdash t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,6} \lor e_{2,3}$$

$$1456. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,e_{2,3}}, \lnot t_{e_{1,6},\,e_{2,6}} \lor e_{1,2} \lor e_{2,6} \vdash t_{\lnot e_{1,2},\,e_{2,3}} \lor e_{1,2} \lor e_{2,6}$$

1457.
$$t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,6} \vdash t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,6} \lor e_{2,6}$$

1458.
$$t_{e_{1,6},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,e_{2,3}}, \lnot t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,6} \vdash t_{\lnot e_{1,2},\,e_{2,3}} \lor e_{1,6} \lor e_{2,6}$$

$$1459. \ \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,4},\,e_{2,4}} \lor e_{2,6}$$

1460.
$$t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,4}, e_{2,4}}, \neg t_{\neg e_{1,4}, e_{2,4}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{2,4} \vdash \neg t_{\neg e_{1,4}, e_{2,4}} \lor t_{e_{1,6}, e_{2,6}} \lor e_{2,4}$$

1461.
$$t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,4}, e_{2,4}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,4}, e_{2,4}} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

1462.
$$t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,4}, e_{2,4}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,4}, e_{2,4}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,6}$$

$$1463. \ \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \vdash t_{\neg e_{1,6},\,e_{2,6}} \lor t_{e_{1,4},\,e_{2,4}} \lor e_{1,6}$$

$$1464. \ t_{e_{1,6}, \, e_{2,6}} \lor t_{e_{1,4}, \, e_{2,4}}, \neg t_{e_{1,6}, \, e_{2,6}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor e_{2,6} \vdash t_{e_{1,4}, \, e_{2,4}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor e_{2,6}$$

$$1465. \ \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \vdash t_{e_{1,4},\,e_{2,4}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor e_{2,6}$$

$$1466. \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,4},\,e_{2,4}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor e_{2,6} \vdash t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor e_{2,6}$$

1467.
$$t_{e_{1,6},e_{2,6}} \lor t_{e_{1,4},e_{2,4}}, \neg t_{e_{1,6},e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},e_{2,6}} \vdash t_{e_{1,4},e_{2,4}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},e_{2,6}}$$

$$1468. \ \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,4},\,e_{2,4}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,4},\,e_{2,4}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,6}$$

$$1469.\ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,4},\,e_{2,4}}, t_{e_{1,4},\,\neg e_{2,4}} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,4},\,\neg e_{2,4}} \lor t_{e_{1,6},\,e_{2,6}} \lor e_{2,4}$$

1470.
$$t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,4}, e_{2,4}}, \neg t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,4}, e_{2,4}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6}$$

$$1471. \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,4},\,e_{2,4}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor e_{1,6} \vdash t_{e_{1,4},\,e_{2,4}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor e_{1,6}$$

$$1472. \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,4},\,e_{2,4}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,6}$$

1473.
$$t_{e_{1,6},e_{2,6}} \lor t_{e_{1,4},e_{2,4}}, e_{1,4} \lor t_{\neg e_{1,4},e_{2,4}} \lor \neg t_{e_{1,4},e_{2,4}} \vdash t_{\neg e_{1,4},e_{2,4}} \lor e_{1,4} \lor t_{e_{1,6},e_{2,6}}$$

$$1474. \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,4},\,e_{2,4}}, e_{1,4} \lor \neg t_{e_{1,4},\,\neg e_{2,4}} \lor \neg t_{e_{1,4},\,e_{2,4}} \vdash e_{1,4} \lor \neg t_{e_{1,4},\,\neg e_{2,4}} \lor t_{e_{1,6},\,e_{2,6}}$$

$$1475. \ \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,4},\,e_{2,4}}, e_{1,4} \lor \neg t_{e_{1,4},\,e_{2,4}} \lor e_{2,4} \vdash e_{1,4} \lor t_{e_{1,6},\,e_{2,6}} \lor e_{2,4}$$

1476.
$$t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,4}, e_{2,4}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,3} \vdash t_{e_{1,4}, e_{2,4}} \lor e_{1,6} \lor e_{2,3}$$

1477.
$$t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,4}, e_{2,4}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,2} \lor e_{2,6} \vdash t_{e_{1,4}, e_{2,4}} \lor e_{1,2} \lor e_{2,6}$$

1478.
$$t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,4},\,e_{2,4}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,6} \vdash t_{e_{1,4},\,e_{2,4}} \lor e_{1,6} \lor e_{2,6}$$

1479.
$$t_{e_{1,6},e_{2,6}} \lor t_{e_{1,4},e_{2,4}}, \neg t_{e_{1,6},e_{2,6}} \lor e_{1,6} \lor e_{2,6} \vdash t_{e_{1,4},e_{2,4}} \lor e_{1,6} \lor e_{2,6}$$

$$1480. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, e_{1,3}} \lor \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_$$

$$1481. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{\neg e_{2,5},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,4} \vdash t_{\neg e_{2,5},\, e_{2,6}} \lor e_{1,4} \lor e_{1,2}$$

1482.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2} \vdash e_{1,2}$$

1483.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{1,5} \lor e_{1,3} \vdash e_{1,5} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

$$1484. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{\neg e_{2,5},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash t_{\neg e_{2,5},\, e_{2,6}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}$$

$$1485. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,3} \vdash \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$1486. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg e_{2,6} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg e_{2,6}$$

$$1487. \ \, \neg t_{e_{1,2}, \, \neg e_{2,3}} \lor e_{1,2}, \, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg e_{1,5} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg e_{1,5}$$

$$1488. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{2,5},\, \neg e_{2,6}} \vdash t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{2,5},\, \neg e_{2,6}} \lor e_{1,2}$$

$$1489. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{2,5},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{\neg e_{2,5},\, e_{2,6}} \lor t_{e_{1,2},\, e_{2,3}} \lor e_{1,2}$$

$$1490. \ \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{2,5}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$1491. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{2,3} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{2,3}$$

$$1492. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_$$

1493.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \vdash \neg t_{e_{1,2}, e_{1,3}} \lor e_{1,3} \lor e_{1,2}$$

$$1494. \ \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,3}, e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,3}, e_{2,3}} \lor e_{1,2}, \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_$$

$$1495. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor e_{1,2}$$

$$1496. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,2},\, \neg e_{$$

1497.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash e_{1,2} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}}$$

$$1498. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{2,5} \lor e_{2,3} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,5} \lor e_{2,3}$$

$$1499. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,4},\, \neg e_{2,4}} \lor t_{e_{2,5},\, \neg e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{e_{1,4},\, \neg e_{2,4}} \lor t_{e_{2,5},\, \neg e_{2,6}} \lor e_{1,2}$$

$$1500. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{\neg e_{2,5},\, e_{2,6}} \lor t_{e_{2,5},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{\neg e_{2,5},\, e_{2,6}} \lor t_{e_{2,5},\, e_{2,6}} \lor e_{1,2}$$

1501.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

$$1502. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor$$

1503.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg e_{2,3} \lor e_{1,2}$$

$$1504. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{1,2}$$

$$1505. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \lor \neg$$

1506.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{2,3} \lor e_{2,6} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,3} \lor e_{2,6}$$

$$1507. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,5} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \lor e_{1,2}$$

1508.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{2,5}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{2,5}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,2}$$

1509.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,5} \lor e_{1,2}$$

$$1510. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \lor$$

1511.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg t_{e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,5} \vdash \neg t_{e_{2,5}, e_{2,6}} \lor e_{2,5} \lor e_{1,2}$$

$$1512. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, e_{1,5} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{e_{1,5},\, e_{2,5}} \vdash e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{1,2}$$

$$1513. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{2,5},\, \neg e_{2,6}} \lor t_{e_{2,5},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{e_{2,5},\, \neg e_{2,6}} \lor t_{e_{2,5},\, e_{2,6}} \lor e_{1,2}$$

$$1514. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}$$

$$1515. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,3},\, \neg e_{2,3}} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor \neg t_{\neg e_{$$

1516.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,3} \vdash \neg t_{e_{1,2}, e_{2,3}} \lor e_{2,3} \lor e_{1,2}$$

1517.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash \neg e_{2,6} \lor e_{1,2} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

1518.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, \neg e_{2,6}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,2}$$

1519.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor e_{1,2} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

1520.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg t_{e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,6} \vdash \neg t_{e_{2,5}, e_{2,6}} \lor e_{1,2} \lor e_{2,6}$$

$$1521. \ \, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,$$

$$1522. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{\neg e_{2,5},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{2,5},\, \neg e_{2,6}} \vdash t_{\neg e_{2,5},\, e_{2,6}} \lor t_{\neg e_{2,5},\, \neg e_{2,6}} \lor e_{1,2}$$

$$1523. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,5} \lor e_{1,3} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{1,5} \lor e_{1,3}$$

$$1524. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_$$

$$1525. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg t_{e_{1,6},\, \neg e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,6} \vdash \neg t_{e_{1,6},\, \neg e_{2,6}} \lor e_{1,6} \lor e_{1,2}$$

$$1526. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,6} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash \neg e_{1,6} \lor e_{1,2} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

1527.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{1,5} \lor \neg e_{1,3} \vdash e_{1,5} \lor \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}}$$

1528.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,6} \lor e_{1,3} \vdash \neg e_{1,6} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

$$1529. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{2,5},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,4},\, e_{2,4}} \vdash t_{e_{2,5},\, e_{2,6}} \lor t_{\neg e_{1,4},\, e_{2,4}} \lor e_{1,2}$$

$$1530. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{2,5},\, \neg e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,4},\, \neg e_{2,4}} \vdash t_{e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,4},\, \neg e_{2,4}} \lor e_{1,2}$$

1531.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{1,2}$$

$$1532. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,4},\, \neg e_{2,4}} \lor t_{\neg e_{2,5},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{e_{1,4},\, \neg e_{2,4}} \lor t_{\neg e_{2,5},\, e_{2,6}} \lor e_{1,2}$$

$$1533. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{\neg e_{2,5},\, e_{2,6}} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{\neg e_{2,5},\, e_{2,6}} \lor t_{e_{1,2},\, e_{2,3}} \lor e_{1,2}$$

$$1534. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{\neg e_{2,5},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,4},\, \neg e_{2,4}} \vdash t_{\neg e_{2,5},\, e_{2,6}} \lor t_{\neg e_{1,4},\, \neg e_{2,4}} \lor e_{1,2}$$

$$1535. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, e_{2,3}} \lor t_{e_{2,5},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{e_{1,2},\, e_{2,3}} \lor t_{e_{2,5},\, e_{2,6}} \lor e_{1,2}$$

1536.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{2,5} \lor e_{2,3} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \lor e_{2,3}$$

$$1537. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$1538. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,4},\, e_{2,4}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{2,5},\, \neg e_{2,6}} \vdash t_{e_{1,4},\, e_{2,4}} \lor t_{\neg e_{2,5},\, \neg e_{2,6}} \lor e_{1,2}$$

$$1539. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash t_{\neg e_{1,3},\, \neg e_{2,3}} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{$$

$$1540. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,4},\, e_{2,4}} \lor t_{\neg e_{2,5},\, \neg e_{2,6}} \vdash t_{\neg e_{1,4},\, e_{2,4}} \lor t_{\neg e_{2,5},\, \neg e_{2,6}} \lor e_{1,2}$$

$$1541. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_$$

1542.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,4}, e_{2,4}} \lor t_{e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,4}, e_{2,4}} \lor t_{e_{2,5}, e_{2,6}} \lor e_{1,2}$$

1543.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{1,6} \lor e_{1,3} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \lor e_{1,3}$$

$$1544. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{2,5},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash t_{e_{2,5},\, e_{2,6}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}$$

1545.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg e_{2,5} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg e_{2,5}$$

1546.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{2,3} \lor \neg e_{2,6} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,3} \lor \neg e_{2,6}$$

$$1547. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e$$

$$1548. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{2,5},\, \neg e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{2,5},\, \neg e_{2,6}} \vdash t_{e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{2,5},\, \neg e_{2,6}} \lor e_{1,2}$$

$$1549. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,6} \vdash \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg e_{2,6} \lor e_{1,2}$$

$$1550. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{2,3} \lor e_{2,5} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,3} \lor e_{2,5}$$

$$1551. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,4},\, e_{2,4}} \vdash t_{\neg e_{1,4},\, e_{2,4}} \lor t_{\neg e_{2,5},\, \neg e_{2,6}} \lor e_{1,2}$$

$$1552. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor \neg t_{\neg e_{$$

$$1553. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,3},\, e_{2,3}}$$

$$1554. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, e_{1,5} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \vdash e_{1,5} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,2}$$

1555.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6} \vdash e_{1,2} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor e_{2,6}$$

1556.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg e_{1,6} \vdash \neg e_{1,3} \lor \neg e_{1,6} \lor \neg t_{e_{1,2}, \neg e_{2,3}}$$

$$1557. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,6} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor e_{1,2}$$

1558.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{2,3} \lor e_{2,6} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor e_{2,6}$$

1559.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,3} \lor e_{1,6} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6}$$

$$1560. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_$$

$$1561. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,3} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor e_{1,2}$$

1562.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{2,5}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,4} \vdash t_{e_{2,5}, \neg e_{2,6}} \lor e_{1,4} \lor e_{1,2}$$

1563.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,4} \vdash t_{e_{2,5}, e_{2,6}} \lor e_{1,2} \lor e_{2,4}$$

$$1564. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{2,5},\, \neg e_{2,6}} \lor e_{2,4} \vdash t_{\neg e_{2,5},\, \neg e_{2,6}} \lor e_{1,2} \lor e_{2,4}$$

$$1565. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{2,5},\, \neg e_{2,6}} \lor e_{2,4} \vdash t_{\neg e_{2,5},\, \neg e_{2,6}} \lor e_{1,2} \lor e_{2,4} \lor e_{2$$

1566.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,6} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{1,2} \lor e_{2,6}$$

1567.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,2} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

1568.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}$$

1569.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{1,2}$$

1570.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,6} \vdash t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{1,2} \lor e_{2,6}$$

$$1571. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,6} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor e_{1,2} \lor e_{2,6}$$

1572.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,6} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,2} \lor e_{2,6}$$

1573.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash e_{1,2} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

1574.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \lor e_{1,2}$$

1575.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6} \lor e_{1,2}$$

$$1576. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,2},\, e_{2,3}} \lor e_{1,6} \lor e_{1,2}$$

1577.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, e_{1,5} \lor t_{e_{1,4}, e_{2,4}} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash e_{1,5} \lor t_{e_{1,4}, e_{2,4}} \lor e_{1,2}$$

1578.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$1579. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,2},\, e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

1580.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

1581.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,3} \vdash \neg t_{\neg e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{1,2}$$

1582.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor e_{2,3} \lor e_{1,2}$$

1583.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3} \vdash \neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

1584.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

1585.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,3} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

1586.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

1587.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}$$

$$1588. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}$$

$$1589. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,3} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor e_{1,3} \lor e_{1,2}$$

1590.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \lor e_{1,2}$$

$$1591. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{2,3} \lor t_{e_{1,6},\, \neg e_{2,6}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,6},\, \neg e_{2,6}}$$

$$1592. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,6},\, \neg e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \vdash t_{e_{1,6},\, \neg e_{2,6}} \lor e_{1,2} \lor \neg t_{e_{2,5},\, \neg e$$

$$1593. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor e_{2,3} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor e_{2,3}$$

$$1594. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor e_{1,2}$$

1595.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$1596. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{2,3} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$1597. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \vdash t_{e_{1,2},\, \neg e_{1,3}} \lor e_{1,2} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \lor e_{1,2} \lor e_{1,2} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \lor e_{1,2} \lor e_{1,2}$$

1598.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$1599. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor e_{1,2} \lor t_{e_{1,2},\, \neg e_{1,3}} \lor t_$$

$$1600. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,6} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash e_{1,6} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{1,2}$$

$$1601. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,3} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{$$

$$1602. \ \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg t_{\neg e_{1,5}, e_{2,5}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{\neg e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}$$

$$1603. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}$$

$$1604. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}$$

1605.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,3} \lor e_{1,2}$$

$$1606. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,5} \lor t_{e_{1,2},\, e_{2,3}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{1,5} \lor t_{e_{1,2},\, e_{2,3}}$$

$$1607. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}} \lor e_{1,2}$$

1608.
$$\neg t_{e_{1,2}}, \neg e_{2,3} \lor e_{1,2}, t_{e_{1,2}}, \neg e_{2,3} \lor e_{1,3} \lor e_{2,3} \vdash e_{1,3} \lor e_{2,3} \lor e_{1,2}$$

1609.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{1,5} \lor t_{e_{1,2}, e_{2,3}} \vdash e_{1,5} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

$$1610. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,6} \lor t_{e_{1,2},\, e_{2,3}} \vdash \neg e_{1,6} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\,$$

1611.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,6} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,6}$$

$$1612. \ \, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,2}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,2}$$

$$1613. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,$$

1614.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,3} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$1615. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}$$

$$1616. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \vdash t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \lor e_{1,2}$$

$$1617. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{1,3} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{1,3}$$

$$1618. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg$$

$$1619. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,6} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor e_{1,6} \lor e_{1,2}$$

$$1620. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{1,3} \vdash t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{1,3} \lor e_{1,2}$$

$$1621. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, e_{1,5} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash e_{1,5} \lor e_{1,2} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

1622.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,3} \vdash t_{\neg e_{1,5}, \neg e_{2,5}} \lor e_{2,3} \lor e_{1,2}$$

$$1623. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,6} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash e_{1,6} \lor e_{1,2} \lor t_{\neg e_{1,5},\, e_{2,5}}$$

1624.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$1625. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,2}$$

$$1626. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}$$

$$1627. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, \neg e_{2,3}} \lor e_{1,2}$$

1628.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,3} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{3,5} \vdash \neg e_{1,3} \lor \neg e_{3,5} \lor e_{1,2}$$

$$1629. \ \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,2}$$

$$1630. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{1,2}$$

1631.
$$\neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, e_{3,5} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,3} \vdash e_{3,5} \lor e_{1,3} \lor e_{1,2}$$

1632.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,3} \lor \neg e_{3,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg e_{3,6} \lor e_{1,2}$$

1633.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2} \lor e_{2,6} \vdash e_{1,2} \lor e_{2,6}$$

$$1634. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}$$

$$1635. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}$$

1636.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{3,5} \lor e_{1,3} \vdash \neg e_{3,5} \lor e_{1,3} \lor e_{1,2}$$

$$1637. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,2}$$

1638.
$$\neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,5} \lor e_{1,2} \vdash e_{2,5} \lor e_{1,2}$$

$$1639. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2} \vdash \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor e_{1,2}$$

$$1640. \ \, \neg t_{e_{1,2}, \, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,3} \lor e_{3,5} \lor t_{e_{1,2}, \, \neg e_{2,3}} \vdash \neg e_{1,3} \lor e_{3,5} \lor e_{1,2}$$

1641.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,6} \lor e_{1,2} \vdash \neg e_{2,6} \lor e_{1,2}$$

1642.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2}, \neg e_{2,3}} \lor e_{3,6} \lor e_{1,3} \vdash e_{3,6} \lor e_{1,3} \lor e_{1,2}$$

$$1643. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor e_{1,2} \lor t_{e_{1,2},\, \neg e_{1,3}} \lor e_{1,2} \lor$$

1644.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,3} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{3,6} \vdash \neg e_{1,3} \lor e_{3,6} \lor e_{1,2}$$

$$1645. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,3},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \vdash t_{e_{1,3},\, e_{2,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,2}$$

1646.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \vdash \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$1647. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{1,2}$$

$$1648. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor e_{1,2}$$

$$1649. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{3,6} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,3} \vdash \neg e_{3,6} \lor e_{1,3} \lor e_{1,2}$$

$$1650. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor e_{1,2}$$

$$1651. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}$$

1652.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash e_{1,2} \lor t_{e_{1,2}, e_{2,3}}$$

1653.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \lor e_{1,2} \vdash e_{1,2} \lor \neg e_{2,5}$$

$$1654. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,2}$$

$$1655. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,6} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor \neg e_{2,6} \lor e_{1,2}$$

1656.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,5} \lor e_{1,2}$$

$$1657. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,5} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor e_{2,5} \lor e_{1,2}$$

$$1658. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,6} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,2} \lor e_{2,6}$$

1659.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,2}$$

$$1660. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor e_{1,2}$$

$$1661. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash e_{1,2} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$1662. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,2} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

1663.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{3,5} \vdash t_{e_{1,2}, e_{2,3}} \lor \neg e_{3,5} \lor e_{1,2}$$

$$1664. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{3,6} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash \neg e_{3,6} \lor t_{e_{1,2},\, e_{2,3}} \lor e_{1,2}$$

1665.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, e_{3,5} \lor t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash e_{3,5} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,2}$$

1666.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{3,6} \vdash t_{e_{1,2}, e_{2,3}} \lor e_{3,6} \lor e_{1,2}$$

$$1667. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, e_{1,5} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash e_{1,5} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor e_{1,2}$$

$$1668. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{1,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,6}$$

1669.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{2,3} \vdash e_{1,3} \lor e_{2,3} \lor e_{1,2}$$

$$1670. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor e_{1,2}$$

$$1671. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{1,3}} \lor \neg e_{2,5} \vdash t_{e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,5}$$

$$1672. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{1,3}} \lor e_{2,5} \vdash t_{e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,5}$$

$$1673. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{1,3}} \lor e_{2,6} \vdash t_{e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,6}$$

$$1674. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,6},\, \neg e_{2,6}} \vdash t_{e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor t_{e_{1,6}$$

$$1675. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \lor \tau_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2}$$

$$1676. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{2,3} \lor t_{\neg e_{1,2},\, e_{1,3}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,2},\, e_{1,3}}$$

$$1677. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor e_{1,2} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \lor e_{1,2} \lor e_{1,2} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \lor e_{1,2} \lor e_{1,2}$$

$$1678. \ \, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor e_{2,3} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor e_{2,3}$$

$$1679. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor e_{1,2}$$

1680.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2} \vdash e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}}$$

$$1681. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor e_{1,2}$$

$$1682. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}}$$

1683.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor e_{1,2} \lor t_{\neg e_{1,5}, e_{2,5}}$$

$$1684. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,4},\, \neg e_{2,4}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,4},\, \neg e_{2,4}} \lor e_{1,6} \lor e_{1,2}$$

$$1685. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$1686. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \vdash e_{1,2} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$$

$$1687. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{1,2}$$

$$1688. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{2,3} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{2,3}$$

$$1689. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{2,3} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,2},\, \neg e_{1,3}}$$

1690.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{1,2} \vdash t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{1,2}$$

$$1691. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{1,2}$$

$$1692. \ \, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3$$

$$1693. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,5} \lor e_{1,2}$$

1694.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, e_{1,5} \lor t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash e_{1,5} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,2}$$

1695.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,5}, e_{2,5}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,5}, e_{2,5}} \lor e_{2,3} \lor e_{1,2}$$

$$1696. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, e_{1,5} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash e_{1,5} \lor e_{1,2} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

1697.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,5}, e_{2,5}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,5}, e_{2,5}} \lor e_{1,3} \lor e_{1,2}$$

1698.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2}, e_{1,3}} \lor e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{1,5} \lor e_{1,2}$$

$$1699. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{\neg e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,3} \vdash t_{\neg e_{1,5},\, \neg e_{2,5}} \lor e_{2,3} \lor e_{1,2}$$

$$1700. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,6} \lor e_{1,2}$$

$$1701. \ \, \neg t_{e_{1,2}, \, \neg e_{2,3}} \lor e_{1,2}, e_{1,5} \lor t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \vdash e_{1,5} \lor t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor e_{1,2}$$

$$1702. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, e_{1,5} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash e_{1,5} \lor e_{1,2} \lor t_{\neg e_{1,5},\, e_{2,5}}$$

1703.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$1704. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor \neg e_{1,5} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor \neg e_{1,5}$$

$$1705. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor e_{1,2}$$

$$1706. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{1,5} \lor t_{\neg e_{1,3},\, e_{2,3}} \vdash e_{1,5} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,3}$$

$$1707. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,6} \lor t_{\neg e_{1,3},\, e_{2,3}} \vdash \neg e_{1,6} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{$$

$$1708. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor e_{1,6} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor e_{1,6}$$

$$1709. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor e_{1,2}$$

$$1710. \ \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2$$

$$1711. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor$$

$$1712. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{3,5} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor \neg e_{3,5} \lor e_{1,2}$$

1713.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg e_{3,6} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg e_{3,6} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,2}$$

$$1714. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, e_{3,5} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash e_{3,5} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor e_{1,2}$$

1715.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{3,6} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor e_{3,6} \lor e_{1,2}$$

1716.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,6}, e_{2,6}} \lor e_{1,3} \vdash t_{e_{1,6}, e_{2,6}} \lor e_{1,3} \lor e_{1,2}$$

1717.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{1,6} \lor e_{1,2}$$

$$1718. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{2,6} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{2,6}$$

1719.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash e_{1,2} \lor \neg t_{\neg e_{1,2}, e_{2,3}}$$

$$1720. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{2,5} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{2,5}$$

$$1721. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,5} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,5}$$

$$1722. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,6} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,6}$$

1723.
$$\neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,6} \lor e_{2,3} \vdash e_{1,6} \lor e_{2,3} \lor e_{1,2}$$

1724.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{2,3} \vdash e_{1,3} \lor e_{2,3} \lor e_{1,2}$$

1725.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{2,3} \vdash e_{1,3} \lor e_{2,3} \lor e_{1,2}$$

1726.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \lor e_{2,3} \vdash e_{1,6} \lor e_{2,3} \lor e_{1,2}$$

$$1727. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}}$$

$$1728. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \lor t_$$

$$1729. \ \, \neg t_{e_{1,2}, \, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,3} \lor e_{2,3} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, \, \neg e_{2,3}} \lor e_{2,3}$$

1730.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg t_{\neg e_{1,5}, e_{2,5}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,3} \vdash \neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,3} \lor e_{1,2}$$

$$1731. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \lor e_{2,3} \vdash \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \lor e_{2,3} \lor e_{1,2}$$

$$1732. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{1,3} \lor e_{2,3} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,3} \lor e_{2,3}$$

$$1733. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{2,3}} \lor e_{2,3} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}} \lor e_{2,3}$$

1734.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,3} \vdash \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{2,3} \lor e_{1,2}$$

$$1735. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor$$

1736.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{2,3} \vdash e_{1,3} \lor e_{2,3} \lor e_{1,2}$$

$$1737. \ \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$1738. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor e_{2,3} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor e_{2,3}$$

1739.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,3} \lor e_{1,2}$$

1740.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,4}, \neg e_{2,4}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,4}, \neg e_{2,4}} \lor e_{1,6} \lor e_{1,2}$$

$$1741. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg e_{2,6} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg e_{2,6}$$

$$1742. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}$$

1743.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}} \lor \neg e_{2,5} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{1,3}} \lor \neg e_{2,5}$$

$$1744. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,5} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,5}$$

1745.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,6} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,6}$$

$$1746. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,6},\, \neg e_{2,6}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{$$

$$1747. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \lor t_{e_{$$

$$1748. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}}$$

1749.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,6} \lor e_{1,2}$$

$$1750. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,6} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash e_{1,6} \lor e_{1,2} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$1751. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, e_{1,5} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash e_{1,5} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}$$

$$1752. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{2,5} \vdash e_{2,5} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{1,2}$$

1753.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{2,5} \lor e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}}$$

1754.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor e_{1,2} \lor t_{\neg e_{1,5}, e_{2,5}}$$

1755.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,5} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,5} \lor e_{1,2}$$

$$1756. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, e_{1,5} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \vdash e_{1,5} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,2}$$

1757.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,5} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{2,5} \lor e_{1,2}$$

$$1758. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, e_{1,5} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash e_{1,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}$$

1759.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,5} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,5} \lor e_{1,2}$$

1760.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg t_{\neg e_{1,5}, e_{2,5}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,5} \vdash \neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,2}$$

1761.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, e_{1,5} \lor t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash e_{1,5} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,2}$$

$$1762. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, e_{1,5} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,3} \vdash e_{1,5} \lor e_{2,3} \lor e_{1,2}$$

$$1763. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor e_{1,2}$$

1764.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2} \lor e_{2,6} \vdash e_{1,2} \lor e_{2,6}$$

$$1765. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \vdash e_{1,2} \lor \neg t_{e_{2,5},\, \neg e_{2,6}}$$

1766.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,2}$$

1767.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2} \vdash e_{1,5} \lor e_{1,2}$$

1768.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2} \vdash e_{1,2}$$

$$1769. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg t_{e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,6} \vdash \neg t_{e_{1,2},\, \neg e_{1,3}} \lor \neg e_{2,6} \lor e_{1,2}$$

1770.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor e_{1,2}$$

1771.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg e_{2,5} \lor e_{1,2}$$

$$1772. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg t_{e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,5} \vdash \neg t_{e_{1,2},\, \neg e_{1,3}} \lor e_{2,5} \lor e_{1,2}$$

1773.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,6} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{1,2} \lor e_{2,6}$$

$$1774. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor e_{1,2}$$

1775.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,2}$$

$$1776. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor e_{1,2}, \cdots \lor e_{$$

$$1777. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg t_{e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{1,2}, \neg e_{1,3} \lor e_{1,2}, \neg$$

1778.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2} \vdash e_{1,5} \lor e_{1,2}$$

1779.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \lor e_{1,2} \vdash e_{1,6} \lor e_{1,2}$$

1780.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,5} \lor e_{1,2} \vdash e_{2,5} \lor e_{1,2}$$

1781.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{1,2}$$

1782.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,6} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{1,2} \lor e_{2,6}$$

1783.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,2} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

1784.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \vdash e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}$$

1785.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{1,2}$$

1786.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,6} \vdash t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{1,2} \lor e_{2,6}$$

$$1787. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,6} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor e_{1,2} \lor e_{2,6}$$

1788.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,6} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,2} \lor e_{2,6}$$

$$1789. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash e_{1,2} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

1790.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \vdash e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

1791.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6} \lor e_{1,2}$$

$$1792. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,2},\, e_{2,3}} \lor e_{1,6} \lor e_{1,2}$$

1793.
$$\neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,6} \lor e_{2,3} \vdash e_{1,6} \lor e_{2,3} \lor e_{1,2}$$

1794.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2} \lor e_{2,6} \vdash e_{1,2} \lor e_{2,6}$$

$$1795. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,3} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor e_{2,3} \lor e_{1,2}$$

$$1796. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,3} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,3} \lor e_{1,2}$$

$$1797. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,2} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$$

$$1798. \ \, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,2}, t_{e_{1,5},\,\neg e_{2,5}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \vdash t_{e_{1,5},\,\neg e_{2,5}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,2}$$

1799.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,3} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,3}$$

$$1800. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,5},\, \neg e_{2,5}} \lor \neg e_{2,3} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,3}$$

1801.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,2}$$

$$1802. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,2}$$

$$1803. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,2},\, e_{1,3}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{e_{$$

$$1804. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor$$

$$1805. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, e_{1,3}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}}$$

$$1806. \ \, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,2}, t_{e_{1,5},\,\neg e_{2,5}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \vdash t_{e_{1,5},\,\neg e_{2,5}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{1,2}$$

$$1807. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,3} \lor \neg e_{1,2} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}}$$

$$1808. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \vdash \neg t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,2}$$

$$1809. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \vdash \neg t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \lor e_{1,2}$$

$$1810. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,3} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,3}$$

1811.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,5}, \neg e_{2,5}}$$

1812.
$$\neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,2}, e_{1,5} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,6} \vdash e_{1,5} \lor e_{1,6} \lor e_{1,2}$$

$$1813. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor$$

1814.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \vdash e_{1,5} \lor e_{1,6} \lor e_{1,2}$$

1815.
$$\neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,2}, e_{1,5} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{2,5} \vdash e_{1,5} \lor e_{2,5} \lor e_{1,2}$$

$$1816. \ \, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,2}, e_{1,5} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \vdash e_{1,5} \lor e_{1,2} \lor \neg t_{\neg e_{2,5},\,e_{2,6}}$$

1817.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, e_{1,5} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash e_{1,5} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,2}$$

1818.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{1,5} \lor e_{2,3} \vdash e_{1,5} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,3}$$

1819.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{1,5} \lor \neg e_{2,3} \vdash e_{1,5} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3}$$

1820.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2} \vdash e_{1,5} \lor e_{1,2}$$

1821.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, e_{1,5} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash e_{1,5} \lor t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,2}$$

$$1822. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{1,5} \lor t_{e_{1,2},\, e_{1,3}} \vdash e_{1,5} \lor t_{e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,2},\, \neg e_{2,3}}$$

$$1823. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{1,5} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \vdash e_{1,5} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_$$

1824.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{1,5} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash e_{1,5} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{1,3}}$$

1825.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, e_{1,5} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash e_{1,5} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{1,2}$$

$$1826. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,6} \lor t_{\neg e_{1,4},\, \neg e_{2,4}} \vdash e_{1,6} \lor t_{\neg e_{1,4},\, \neg e_{2,4}} \lor e_{1,2}$$

1827.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,4}, e_{2,4}} \vdash e_{1,5} \lor t_{\neg e_{1,4}, e_{2,4}} \lor e_{1,2}$$

$$1828. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, e_{1,5} \lor t_{e_{1,4},\, \neg e_{2,4}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash e_{1,5} \lor t_{e_{1,4},\, \neg e_{2,4}} \lor e_{1,2}$$

$$1829. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{1,5} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$1830. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}$$

$$1831. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{1,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash e_{1,5} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$1832. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg e_{1,6} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{$$

1833.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$1834. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg t_{e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg t_{e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}$$

$$1835. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_$$

$$1836. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{3,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg e_{3,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}$$

$$1837. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{3,6} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg e_{3,6} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}$$

1838.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, e_{3,5} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash e_{3,5} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}$$

1839.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2}, \neg e_{2,3}} \lor e_{3,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash e_{3,6} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}$$

$$1840. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,3} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,3}$$

$$1841. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{e_{1,2},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{e_{1,2},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{e_{1,2},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{e_{1,2},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{e_{1,2},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{e_{1,2},\, e_{$$

1842.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor e_{2,3} \lor e_{1,2}$$

1843.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,5} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{1,5} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$1844. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor e_{1,2} \lor t_{e_{1,2},\, \neg e_{1,3}} \lor e_{1,2} \lor e_{1,2$$

1845.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{1,5} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,5} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$1846. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,6} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg e_{1,6} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,$$

$$1847. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{1,6} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,6} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$1848. \ \, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,2}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{1,2} \lor \lor e_{$$

$$1849. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \lor t_{e_{$$

$$1850. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \lor t_$$

$$1851. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{3,5} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg e_{3,5} \lor e_{1,2} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$1852. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{3,6} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg e_{3,6} \lor e_{1,2} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

1853.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, e_{3,5} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{3,5} \lor e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}}$$

1854.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2}, \neg e_{2,3}} \lor e_{3,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{3,6} \lor e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$1855. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{2,3} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$1856. \ \, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

1857.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \vdash e_{1,5} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \lor e_{1,2}$$

$$1858. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{1,2} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor e_{1,2} \lor e_{1,2} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor e_{1,2} \lor e_{1,2} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor e_{1,2} \lor e_{1,2}$$

$$1859. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{1,3} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{1,3}$$

$$1860. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,3} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor$$

$$1861. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}$$

$$1862. \ \, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3$$

$$1863. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor$$

$$1864. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_$$

$$1865. \ \, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e$$

$$1866. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,3} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash e_{1,3} \lor e_{1,2} \lor t_{\neg e_{1,5},\, e_{2,5}}$$

1867.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{1,2} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1868. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{1,3} \vdash t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

1869.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,5} \lor e_{1,3} \vdash e_{2,5} \lor e_{1,3} \lor e_{1,2}$$

$$1870. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \vdash t_{e_{1,2},\, e_{1,3}} \lor e_{1,2} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \vdash t_{e_{1,2},\, e_{1,3}} \lor e_{1,2} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor \neg$$

$$1871. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor e_{1,2}$$

1872.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \lor e_{2,3} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,3}$$

$$1873. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{1,3}} \lor \neg e_{2,3} \vdash t_{e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,3}$$

1874.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{1,2}$$

$$1875. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,2}$$

$$1876. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_$$

$$1877. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}}$$

$$1878. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor e_{1,2}$$

1879.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,3} \vdash \neg t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,3} \lor e_{1,2}$$

$$1880. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash e_{2,3} \lor e_{1,2} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

1881.
$$\neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2} \vdash e_{1,2}$$

1882.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2} \vdash e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}}$$

1883.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2} \vdash e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}$$

1884.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,3}, e_{2,3}} \lor e_{1,2}$$

$$1885. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,2},\, e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$1886. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,2},\, e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

1887.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash e_{1,2} \lor e_{2,3}$$

1888.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash e_{1,2} \lor e_{2,3}$$

1889.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \vdash t_{\neg e_{1,5}, \neg e_{2,5}} \lor e_{1,3} \lor e_{1,2}$$

$$1890. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \vdash e_{1,2} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor$$

$$1891. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{1,2}$$

1892.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,3} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,3}$$

$$1893. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,5},\, e_{2,5}}$$

1894.
$$\neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,6} \lor e_{2,5} \vdash e_{2,5} \lor e_{1,6} \lor e_{1,2}$$

$$1895. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2} \vdash \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{1,2}$$

$$1896. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{1,2}$$

$$1897. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \vdash t_{e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_$$

1898.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,5} \vdash e_{1,5} \lor e_{2,5} \lor e_{1,2}$$

1899.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,5} \vdash e_{1,5} \lor e_{2,5} \lor e_{1,2}$$

$$1900. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}$$

$$1901. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}}$$

1902.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,5} \vdash e_{1,5} \lor e_{2,5} \lor e_{1,2}$$

$$1903. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg t_{e_{1,2},\, \neg e_{1,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash \neg t_{e_{1,2},\, \neg e_{1,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{1,2}$$

1904.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,5} \lor e_{1,3} \vdash e_{2,5} \lor e_{1,3} \lor e_{1,2}$$

1905.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

1906.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$1907. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{2,5} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,5} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

1908.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}}$$

1909.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$1910. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$1911. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \lor t_{e_{$$

$$1912. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \lor t_$$

$$1913. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \lor t_{e_{$$

$$1914. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{1,5} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash e_{1,5} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$1915. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,$$

$$1916. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{e_{1,2},\, \neg e_{1,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{e_{1,2},\, \neg e_{1,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{e_{1,2},\, \neg e_{1,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{e_{1,2},\, \neg e_{1,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{e_{1,2},\, \neg e_{1,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{1,5},\,$$

1917.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash e_{1,5} \lor e_{1,2} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1918. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,3} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

1919.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,3} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor e_{2,3} \lor e_{1,2}$$

$$1920. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor e_{1,2} \lor \neg t_{\neg e_{1,6},\, e$$

$$1921. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor e_{1,3} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,3}$$

$$1922. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,3} \lor t_{\neg e_{1,6},\, e_{2,6}} \vdash \neg e_{1,3} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{1,2},\, \neg e_{2,3}}$$

$$1923. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor e_{1,2}$$

$$1924. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{e_{1,$$

$$1925. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,3},\, e_{2,3}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e$$

$$1926. \ \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2$$

$$1927. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \lor t_{e_{$$

$$1928. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg t_{e_{1,6},\, \neg e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash \neg t_{e_{1,6},\, \neg e_{2,6}} \lor e_{1,2} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

1929.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,3} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,3}$$

$$1930. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{e_{1,6},\, \neg e_{2,6}}$$

$$1931. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg t_{e_{1,6},\, \neg e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash \neg t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor e_{1,2}$$

1932.
$$\neg t_{e_{1,2}}, \neg e_{2,3} \lor e_{1,2}, t_{e_{1,2}}, \neg e_{2,3} \lor e_{1,6} \lor e_{2,6} \vdash e_{1,6} \lor e_{1,2} \lor e_{2,6}$$

1933.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{2,3} \lor e_{1,6} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor e_{1,6}$$

1934.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,6} \lor e_{1,2} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

1935.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{1,6} \lor e_{2,3} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \lor e_{2,3}$$

$$1936. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,6} \vdash \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor e_{1,6} \lor e_{1,2}$$

1937.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \lor e_{1,3} \vdash e_{1,6} \lor e_{1,3} \lor e_{1,2}$$

1938.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}$$

1939.
$$\neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,6} \lor e_{1,2} \vdash e_{1,6} \lor e_{1,2}$$

1940.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,6} \lor e_{1,2}$$

1941.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \lor e_{1,6} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6}$$

$$1942. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \lor$$

1943.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,6} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,6}$$

1944.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \lor e_{2,3} \vdash e_{1,6} \lor e_{2,3} \lor e_{1,2}$$

$$1945. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor e_{1,6} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor e_{1,6}$$

1946.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{1,6} \lor e_{1,2}$$

1947.
$$\neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,6} \lor e_{2,6} \vdash e_{1,6} \lor e_{1,2} \lor e_{2,6}$$

$$1948. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$1949. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$1950. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{1,6} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,6} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$1951. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor e_{1,2} \lor e_{1,2} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor e_{1,2} \lor e_{1,2}$$

1952.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}$$

1953.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,3} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$1954. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}$$

$$1955. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,$$

$$1956. \ \, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{\neg e_{$$

$$1957. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$1958. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,3} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash e_{1,3} \lor e_{1,2} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$1959. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$1960. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \vdash \neg t_{\neg e_{1,6},\, e_{2,6}} \lor e_{1,2} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \lor e_{1,2} \lor \neg t_{e_{2,5},\,$$

$$1961. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,3} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$1962. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor e_{1,2} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor e_{1,2} \lor \neg t_{\neg e_{2,6},\, e_{2,6}} \lor e_{2,6} \lor e_{2$$

1963.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \lor e_{2,6} \vdash e_{1,6} \lor e_{1,2} \lor e_{2,6}$$

1964.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{2,6} \vdash e_{1,3} \lor e_{1,2} \lor e_{2,6}$$

$$1965. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash e_{1,2} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$1966. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,2} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor e_{1,2} \lor e_{1,2} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor e_{1,2} \lor e_{1,2}$$

1967.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,6} \vdash e_{1,5} \lor e_{1,2} \lor e_{2,6}$$

$$1968. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash t_{e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_$$

$$1969. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}$$

$$1970. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor$$

$$1971. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg t_{e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash \neg t_{e_{1,2},\, \neg e_{1,3}} \lor e_{1,2} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

1972.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \lor e_{2,6} \vdash e_{1,6} \lor e_{1,2} \lor e_{2,6}$$

1973.
$$\neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,6} \lor e_{2,6} \vdash e_{1,6} \lor e_{1,2} \lor e_{2,6}$$

1974.
$$\neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\,\neg e_{2,3}} \lor e_{2,3} \lor e_{2,6} \vdash e_{2,3} \lor e_{1,2} \lor e_{2,6}$$

$$1975. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

1976.
$$\neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{1,3} \lor e_{2,6} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,3} \lor e_{2,6}$$

1977.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,3} \lor e_{2,6} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,6}$$

$$1978. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor e_{2,6} \vdash \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor e_{1,2} \lor e_{2,6}$$

1979.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}} \lor e_{2,6} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{2,6}$$

$$1980. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor e_{2,6} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor e_{2,6}$$

$$1981. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,6} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,6}$$

1982.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

1983.
$$\neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, e_{5,6} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,6} \vdash e_{5,6} \lor e_{1,2} \lor e_{2,6}$$

$$1984. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor e_{1,2} \lor e_{1,2} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor e_{1,2} \lor e_{1,2}$$

$$1985. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}$$

$$1986. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{1,2} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor e_{1,2} \lor e_{1,2} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor e_{1,2} \lor e_{1,2} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor e_{1,2} \lor e_{1,2$$

$$1987. \ \, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\,\neg e_{2,6}} \vdash t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,6},\,\neg e_{2,6}} \lor e_{1,2}$$

$$1988. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \vdash t_{e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \lor e_{1,2}$$

$$1989. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor e_{1,2} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor e_{1,2} \lor \neg t_{\neg e_{$$

$$1990. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{e_{1,5},\, \neg e_{1,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{e_{1,5},\, \neg e_{1,6}} \lor e_{1,2}$$

1991.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg e_{5,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,6} \vdash \neg e_{5,6} \lor \neg e_{2,6} \lor e_{1,2}$$

$$1992. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,5},\, \neg e_{1,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,5},\, \neg e_{1,6}} \lor e_{1,2}$$

1993.
$$\neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,3} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2} \vdash \neg e_{1,3} \lor e_{1,2}$$

1994.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg e_{4,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,6} \vdash \neg e_{4,6} \lor \neg e_{2,6} \lor e_{1,2}$$

$$1995. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,5},\, e_{2,5}} \lor \neg t_{e_{1,5},\, \neg e_{1,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{e_{1,5},\, e_{2,5}} \lor \neg t_{e_{1,5},\, \neg e_{1,6}} \lor e_{1,2}$$

$$1996. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \vdash t_{\neg e_{1,2},\, \neg e_{1,3}} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \lor e_{1,2}$$

$$1997. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \lor e_{1,2}$$

1998.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, e_{5,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,6} \vdash e_{5,6} \lor \neg e_{2,6} \lor e_{1,2}$$

$$1999. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{\neg e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \vdash t_{\neg e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \lor e_{1,2}$$

$$2000. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{e_{1,5},\, \neg e_{1,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{e_{1,5},\, \neg e_{1,6}} \lor e_{1,2}$$

$$2001. \ \, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,2}, t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{1,2}$$

$$2002. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,6},\, \neg e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor e_{1,2}$$

$$2003. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}$$

$$2004. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,5},\, \neg e_{1,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,5},\, \neg e_{1,6}} \lor e_{1,2}$$

$$2005. \ \, \neg t_{e_{1,2}, \, \neg e_{2,3}} \lor e_{1,2}, \neg e_{5,6} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor e_{2,6} \vdash \neg e_{5,6} \lor e_{1,2} \lor e_{2,6}$$

$$2006. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg t_{e_{1,5},\, \neg e_{1,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \vdash \neg t_{e_{1,5},\, \neg e_{1,6}} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \lor e_{1,2}$$

2007.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash e_{1,3} \lor e_{1,2}$$

2008.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, e_{4,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,6} \vdash e_{4,6} \lor \neg e_{2,6} \lor e_{1,2}$$

$$2009. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, e_{4,6} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,6} \vdash e_{4,6} \lor e_{1,2} \lor e_{2,6}$$

$$2010. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \lor e_{1,2} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$2011. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \lor e_{1,2} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor e_{1,2} \lor e_$$

$$2012. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \vdash t_{e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \lor e_{1,2}$$

$$2013. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{4,6} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,6} \vdash \neg e_{4,6} \lor e_{1,2} \lor e_{2,6}$$

$$2014. \ \, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\,\neg e_{2,6}} \lor t_{\neg e_{1,6},\,\neg e_{2,6}} \vdash \neg t_{\neg e_{1,6},\,\neg e_{2,6}} \lor e_{1,2} \lor \lor e$$

$$2015. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg t_{e_{1,5},\, \neg e_{1,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{e_{1,5},\, \neg e_{1,6}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{1,2}$$

$$2016. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor e_{1,2} \lor \neg t_{\neg e_{1,6},\, e$$

$$2017. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash t_{e_{1,2},\, e_{2,3}} \lor e_{1,2} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$2018. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash t_{e_{1,6},\, e_{2,6}} \lor e_{1,2} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor e_{1,2} \lor e_{1,2} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor e_{1,2} \lor e_{1,2} \lor e_{1,2} \lor e_{1,2} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor e_{1,2} \lor e_{1$$

$$2019. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg t_{e_{1,5},\, \neg e_{1,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{e_{1,5},\, \neg e_{1,6}} \lor e_{1,2} \lor t_{e_{1,2},\, \neg e_{1,3}} \lor e_{1,2} \lor e_{1,2}, \neg e_{1,3} \lor e_{1,2}, \neg e_{1$$

$$2020. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \vdash e_{2,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \lor e_{1,2}$$

$$2021. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$2022. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,3} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash \neg e_{1,3} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,2}$$

$$2023. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{5,6} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash \neg e_{5,6} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor e_{1,2}$$

$$2024. \ \, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,2}, t_{e_{1,6},\,\neg e_{2,6}} \lor \neg e_{4,6} \lor t_{e_{1,2},\,\neg e_{2,3}} \vdash t_{e_{1,6},\,\neg e_{2,6}} \lor \neg e_{4,6} \lor e_{1,2}$$

$$2025. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, e_{5,6} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash e_{5,6} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor e_{1,2}$$

$$2026. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, e_{4,6} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash e_{4,6} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor e_{1,2}$$

2027.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg e_{5,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg e_{5,6} \lor e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2028. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{4,6} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg e_{4,6} \lor e_{1,2} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$2029. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, e_{5,6} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash e_{5,6} \lor e_{1,2} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

2030.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, e_{4,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{4,6} \lor e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}}$$

2031.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2} \vdash e_{1,2} \lor t_{e_{1,2}, e_{2,3}}$$

$$2032. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\,$$

$$2033. \ \, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,2}, \neg e_{5,6} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \vdash \neg e_{5,6} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,2}$$

$$2034. \ \, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,2}, t_{\neg e_{1,2},\,e_{1,3}} \lor \neg e_{4,6} \lor t_{e_{1,2},\,\neg e_{2,3}} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor \neg e_{4,6} \lor e_{1,2}$$

$$2035. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, e_{5,6} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash e_{5,6} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor e_{1,2}$$

2036.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, e_{4,6} \lor t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash e_{4,6} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,2}$$

2037.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2} \vdash e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$2038. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor e_{1,2}$$

$$2039. \ \, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\,\neg e_{2,3}} \lor e_{2,3} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \vdash e_{2,3} \lor e_{1,2} \lor \neg t_{\neg e_{1,6},\,e_{2,6}}$$

$$2040. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor e_{2,3} \vdash \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor e_{2,3} \lor e_{1,2}$$

2041.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{1,3} \lor e_{1,2}$$

$$2042. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \lor e_{1,2} \vdash \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \lor e_{1,2}$$

$$2043. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,3} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor e_{1,2}$$

$$2044. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg t_{e_{1,5},\, \neg e_{1,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2} \vdash \neg t_{e_{1,5},\, \neg e_{1,6}} \lor e_{1,2}$$

2045.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, \neg e_{5,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2} \vdash \neg e_{5,6} \lor e_{1,2}$$

$$2046. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{4,6} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2} \vdash e_{1,2} \lor \neg e_{4,6}$$

2047.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, e_{5,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2} \vdash e_{5,6} \lor e_{1,2}$$

2048.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, e_{4,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2} \vdash e_{1,2} \lor e_{4,6}$$

$$2049. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg t_{e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash \neg t_{e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,2},\, e_{2,3}} \lor e_{1,2}$$

$$2050. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor e_{1,2}, \cdots \lor e_{$$

$$2051. \ \, \neg t_{e_{1,2}, \, \neg e_{2,3}} \lor e_{1,2}, e_{1,5} \lor \neg t_{e_{1,5}, \, \neg e_{1,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \, \neg e_{1,6}} \lor e_{1,2}$$

$$2052. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, e_{1,5} \lor \neg t_{e_{1,5},\, \neg e_{1,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash e_{1,5} \lor \neg t_{e_{1,5},\, \neg e_{1,6}} \lor e_{1,2}$$

2053.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2} \vdash e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$2054. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}$$

$$2055. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg t_{e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg t_{e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}$$

2056.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2057. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,2} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$2058. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg t_{e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{e_{1,2},\, \neg e_{1,3}} \lor e_{1,2} \lor \lor e_{1,2$$

$$2059. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \vdash e_{2,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \lor e_{1,2}$$

$$2060. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{5,6} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash \neg e_{5,6} \lor e_{1,2} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$2061. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{4,6} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash \neg e_{4,6} \lor e_{1,2} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$2062. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, e_{5,6} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash e_{5,6} \lor e_{1,2} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$2063. \ \, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,2}, e_{4,6} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \vdash e_{4,6} \lor e_{1,2} \lor \neg t_{\neg e_{1,6},\,e_{2,6}}$$

$$2064. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}$$

$$2065. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,6} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor \neg e_{2,6} \lor e_{1,2}$$

$$2066. \ \, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,2}, t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,5} \vdash t_{\neg e_{1,3},\,e_{2,3}} \lor \neg e_{2,5} \lor e_{1,2}$$

2067.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,5} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor e_{2,5} \lor e_{1,2}$$

$$2068. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,6} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor e_{1,2} \lor e_{2,6}$$

$$2069. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor e_{1,2}$$

$$2070. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor e_{1,2} \lor t_{e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,2}$$

$$2071. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor e_{1,2}$$

$$2072. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{1,2}$$

$$2073. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor e_{1,2}$$

$$2074. \ \, \neg t_{e_{1,2}, \, \neg e_{2,3}} \lor e_{1,2}, e_{1,5} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \vdash e_{1,5} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor e_{1,2}$$

$$2075. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor e_{1,2}$$

$$2076. \ \, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,2}, t_{\neg e_{1,3},\,e_{2,3}} \lor \neg t_{\neg e_{1,5},\,e_{2,5}} \lor t_{e_{1,2},\,\neg e_{2,3}} \vdash t_{\neg e_{1,3},\,e_{2,3}} \lor \neg t_{\neg e_{1,5},\,e_{2,5}} \lor e_{1,2}$$

$$2077. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,6} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor e_{1,6} \lor e_{1,2}$$

$$2078. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor e_{1,2} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor e_{1,2} \lor e_{1,2} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor e_{1,2} \lor e_{1,2}$$

$$2079. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,3} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$2080. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,3} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash \neg e_{1,3} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor e_{1,2}$$

$$2081. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}} \lor e_{1,2}$$

$$2082. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}$$

$$2083. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor e_{1,2} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

2084.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$2085. \ \, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,2}, \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,2}$$

$$2086. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{2,6} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{2,6} \lor e_{1,2}$$

$$2087. \ \, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,5} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg e_{2,5} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,2}$$

2088.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}$$

$$2089. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,6} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2} \lor e_{2,6}$$

$$2090. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,6},\, \neg e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}$$

$$2091. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$2092. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}$$

$$2093. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}$$

$$2094. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{-e_{1,2},\, e_{2,3}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}$$

$$2095. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, e_{1,5} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash e_{1,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}$$

$$2096. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\,$$

$$2097. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}$$

$$2098. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}$$

$$2099. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor e_{1,2} \lor e_{1,2} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor e_{1,2} \lor e_{1,2}$$

2100.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$2101. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, \neg e_{1,3} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg e_{1,3} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}$$

$$2102. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}$$

2103.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}$$

$$2104. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$2105. \ \, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}, t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,6} \vdash e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}$$

2106.
$$\neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}, t_{e_{1,4}, e_{2,4}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,4}, e_{2,4}} \lor e_{1,6} \lor e_{1,2}$$

$$2107. \ t_{\neg e_{1,5}, \, e_{2,5}} \lor t_{e_{1,2}, \, e_{2,3}}, \neg t_{e_{1,2}, \, e_{2,3}} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{2,3} \vdash \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{2,3} \lor t_{\neg e_{1,5}, \, e_{2,5}}$$

2108.
$$t_{\neg e_{1,5}, e_{2,5}} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{2,3} \lor t_{\neg e_{1,5}, e_{2,5}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2109. \ t_{\neg e_{1,5}, \, e_{2,5}} \lor t_{e_{1,2}, \, e_{2,3}}, \neg t_{e_{1,2}, \, e_{2,3}} \lor \neg t_{e_{1,2}, \, \neg e_{2,3}} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \, \neg e_{2,3}} \lor e_{1,2} \lor t_{\neg e_{1,5}, \, e_{2,5}}$$

$$2110. \ t_{\neg e_{1,5}, \, e_{2,5}} \lor t_{e_{1,2}, \, e_{2,3}}, \neg t_{e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,2} \vdash t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,2} \lor t_{\neg e_{1,5}, \, e_{2,5}}$$

2111.
$$t_{\neg e_{1,5}, e_{2,5}} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,2} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,2} \lor t_{\neg e_{1,5}, e_{2,5}}$$

2112.
$$t_{\neg e_{1,5}, e_{2,5}} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,3} \lor t_{\neg e_{1,5}, e_{2,5}}$$

$$2113. \ t_{\neg e_{1,5},\, e_{2,5}} \lor t_{e_{1,2},\, e_{2,3}}, \neg t_{e_{1,2},\, e_{2,3}} \lor t_{e_{1,3},\, e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,3},\, e_{2,3}} \lor e_{1,2} \lor t_{\neg e_{1,5},\, e_{2,5}}$$

$$2114. \ t_{\neg e_{1,5}, \, e_{2,5}} \lor t_{e_{1,2}, \, e_{2,3}}, \neg t_{e_{1,2}, \, e_{2,3}} \lor t_{e_{1,2}, \, e_{1,3}} \lor e_{2,3} \vdash t_{e_{1,2}, \, e_{1,3}} \lor e_{2,3} \lor t_{\neg e_{1,5}, \, e_{2,5}}$$

2115.
$$t_{\neg e_{1,5}, e_{2,5}} \lor t_{e_{1,2}, e_{2,3}}, t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{2,3} \lor t_{\neg e_{1,5}, e_{2,5}}$$

$$2116. \ t_{\neg e_{1,5},\, e_{2,5}} \lor t_{e_{1,2},\, e_{2,3}}, \neg t_{e_{1,2},\, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash e_{2,3} \lor e_{1,2} \lor t_{\neg e_{1,5},\, e_{2,5}}$$

2117.
$$t_{\neg e_{1,5}, e_{2,5}} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash e_{2,3} \lor e_{1,2} \lor t_{\neg e_{1,5}, e_{2,5}}$$

2118.
$$t_{\neg e_{1,5}, e_{2,5}} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash e_{2,3} \lor e_{1,2} \lor t_{\neg e_{1,5}, e_{2,5}}$$

$$2119. \ t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash e_{1,5} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$2120. \ t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,5}, e_{2,5}}, \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,5}$$

$$2121. \ t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,5}, e_{2,5}}, \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,5}, \neg e_{2,5}} \lor e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2122. \ t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$2123. \ t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,5}, e$$

$$2124. \ t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,5}, e_{2,5}}, t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor e_{2,5}$$

$$2125. \ t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor t_{e_{1,5}, \, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, \, e_{2,5}} \lor \neg t_{e_{1,5}, \, \neg e_{2,5}} \vdash e_{1,5} \lor t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor \neg t_{e_{1,5}, \, \neg e_{2$$

$$2126.\ t_{\neg e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,5},\,e_{2,5}}, t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{2,5}} \lor e_{2,5}$$

$$2127. \ t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash e_{1,5} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$2128. \ t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor t_{e_{1,5}, \, e_{2,5}}, t_{e_{1,5}, \, \neg e_{2,5}} \lor \neg t_{e_{1,5}, \, e_{2,5}} \lor e_{2,5} \vdash t_{e_{1,5}, \, \neg e_{2,5}} \lor t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor e_{2,5}$$

$$2129. \ t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor t_{e_{1,5}, \, e_{2,5}}, \neg t_{\neg e_{1,5}, \, e_{2,5}} \lor \neg t_{e_{1,5}, \, e_{2,5}} \lor e_{2,5} \vdash t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor \neg t_{\neg e_{1,5}, \, e_{2,5}} \lor e_{2,5}$$

2130.
$$t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, e_{2,3}}$$

$$2131. \ t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor t_{e_{1,5}, \, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, \, e_{2,5}} \lor e_{2,3} \vdash e_{1,5} \lor t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor e_{2,3}$$

$$2132. \ t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor t_{e_{1,5}, \, e_{2,5}}, \neg t_{e_{1,5}, \, e_{2,5}} \lor e_{2,5} \lor e_{1,2} \vdash t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor e_{2,5} \lor e_{1,2}$$

2133.
$$t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \vdash e_{1,5} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor e_{2,5}$$

$$2134. \ t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor t_{e_{1,5}, \, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, \, e_{2,5}} \lor e_{2,5} \vdash e_{1,5} \lor t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor e_{2,5}$$

2135.
$$t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{1,2} \vdash e_{1,5} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor e_{1,2}$$

$$2136. \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,5},\,e_{2,5}}, t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{2,5}} \lor e_{2,6}$$

2137.
$$t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,6}, e_{2,6}}$$

$$2138. \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,5},\,e_{2,5}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,5},\,e_{2,5}} \lor e_{2,6} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$2139. \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,5},\,e_{2,5}}, \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \vdash t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,5} \lor t_{e_{1,6},\,e_{2,6}}$$

$$2140. \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,5},\,e_{2,5}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,6}$$

2141.
$$t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,5}, e_{2,5}}, t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,5}, e_{2,5}} \lor e_{1,6}$$

2142.
$$t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,5}, e_{2,5}}, \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{2,5} \lor t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2143. \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,5},\,e_{2,5}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,6} \vdash t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,6}$$

2144.
$$t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,6}, e_{2,6}}$$

$$2145. \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,5},\,e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,5},\,e_{2,5}}$$

$$2146. \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,5},\,e_{2,5}}, t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{2,5}} \lor e_{2,6}$$

$$2147. \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,5},\,e_{2,5}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor e_{2,6} \vdash t_{e_{1,5},\,e_{2,5}} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor e_{2,6}$$

$$2148. \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,5},\,e_{2,5}}, t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor e_{2,5} \lor t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \lor e_{$$

$$2149. \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{e_{$$

$$2150. \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,5},\,e_{2,5}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \vdash t_{e_{1,5},\,e_{2,5}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \lor \neg t_{\neg$$

2151.
$$t_{e_{1,6},e_{2,6}} \lor t_{e_{1,5},e_{2,5}}, t_{e_{1,2},e_{1,3}} \lor \neg t_{e_{1,5},e_{2,5}} \lor e_{2,5} \vdash t_{e_{1,2},e_{1,3}} \lor e_{2,5} \lor t_{e_{1,6},e_{2,6}}$$

$$2152. \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash e_{1,5} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{e_{1,6},\,e_{2,6}}$$

$$2153. \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,5},\,e_{2,5}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,5},\,e_{2,5}} \lor e_{1,6} \lor t_{\neg e_{1,2},\,\neg e_{2,3}}$$

$$2154. \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,5},\,e_{2,5}}, t_{e_{1,5},\,\neg e_{2,5}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \vdash t_{e_{1,5},\,\neg e_{2,5}} \lor e_{2,5} \lor t_{e_{1,6},\,e_{2,6}}$$

$$2155. \ \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,5},\,e_{2,5}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,5},\,e_{2,5}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,6}$$

$$2156. \ \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,5},\,e_{2,5}}, \neg t_{\neg e_{1,5},\,e_{2,5}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \vdash \neg t_{\neg e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{2,5} \lor e_{2,5} \lor e_{2,5} \lor e_{2,6} \lor e_{2,6}$$

$$2157. \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,5},\,e_{2,5}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor e_{1,6} \vdash t_{e_{1,5},\,e_{2,5}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor e_{1,6}$$

$$2158. \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,5},\,e_{2,5}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,5},\,e_{2,5}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,6}$$

$$2159. \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,5},\,e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,6},\,e_{2,6}}$$

2160.
$$t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,5},\,e_{2,5}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,3} \vdash t_{e_{1,5},\,e_{2,5}} \lor e_{1,6} \lor e_{2,3}$$

2161.
$$t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,3} \vdash e_{1,5} \lor t_{e_{1,6},\,e_{2,6}} \lor e_{2,3}$$

2162.
$$t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,5}, e_{2,5}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,2} \lor e_{2,6} \vdash t_{e_{1,5}, e_{2,5}} \lor e_{1,2} \lor e_{2,6}$$

2163.
$$t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,5}, e_{2,5}}, \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,2} \vdash e_{2,5} \lor t_{e_{1,6}, e_{2,6}} \lor e_{1,2}$$

2164.
$$t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \vdash e_{1,5} \lor e_{2,5} \lor t_{e_{1,6}, e_{2,6}}$$

2165.
$$t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \vdash e_{1,5} \lor e_{2,5} \lor t_{e_{1,6}, e_{2,6}}$$

2166.
$$t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,5}, e_{2,5}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,6} \vdash t_{e_{1,5}, e_{2,5}} \lor e_{1,6} \lor e_{2,6}$$

2167.
$$t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,5}, e_{2,5}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,6} \vdash t_{e_{1,5}, e_{2,5}} \lor e_{1,6} \lor e_{2,6}$$

2168.
$$t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{1,2} \vdash e_{1,5} \lor t_{e_{1,6}, e_{2,6}} \lor e_{1,2}$$

2169.
$$t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,5}, e_{2,5}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{1,2} \vdash t_{e_{1,5}, e_{2,5}} \lor e_{1,6} \lor e_{1,2}$$

$$2170. \ t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, e_{2,3}}, t_{\neg e_{1,3}, e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,3}$$

$$2171. \ t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor t_{e_{1,3}, \, e_{2,3}}, t_{e_{1,2}, \, e_{2,3}} \lor \neg t_{e_{1,3}, \, e_{2,3}} \lor e_{1,3} \vdash t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor t_{e_{1,2}, \, e_{2,3}} \lor e_{1,3}$$

$$2172. \ t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}$$

$$2173. \ t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, e_{2,3}}, \neg t_{\neg e_{1,3}, e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \lor e_{2,3}$$

$$2174. \ t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, e_{2,3}}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor e_{2,3}$$

$$2175. \ t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}$$

$$2176. \ t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, e_{2,3}}, t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor e_{2,3}$$

$$2177. \ t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, e_{2,3}}, t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,3}$$

2178.
$$t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{2,3} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor e_{1,3} \lor e_{2,3}$$

$$2179. \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,6},\,\neg e_{2,6}}, t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor e_{2,6}$$

$$2180. \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,6},\,\neg e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,6},\,\neg e_{2,6}} \lor e_{2,6} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$2181. \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,6},\,\neg e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{e_{1,6},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,6}$$

$$2182. \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,6},\,\neg e_{2,6}}, t_{\neg e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \vdash t_{\neg e_{1,6},\,e_{2,6}} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor e_{1,6}$$

$$2183. \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,6},\,\neg e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,6} \vdash t_{e_{1,6},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,6}$$

$$2184. \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,6},\,\neg e_{2,6}}, t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor e_{2,6}$$

$$2185. \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,6},\,\neg e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor e_{2,6} \vdash t_{e_{1,6},\,\neg e_{2,6}} \lor e_{2,6}$$

$$2186. \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,6},\,\neg e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \vdash t_{e_{1,6},\,\neg e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \lor e_{2,6} \lor e_{2,$$

$$2187. \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,6},\,\neg e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,6},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,6}$$

$$2188. \ \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,6},\,\neg e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,6},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,6}$$

$$2189. \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,6},\,\neg e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor e_{1,6} \vdash t_{e_{1,6},\,\neg e_{2,6}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor e_{1,6}$$

$$2190. \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,6},\,\neg e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,6},\,\neg e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,6}$$

2191.
$$t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,6},\,\neg e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,3} \vdash t_{e_{1,6},\,\neg e_{2,6}} \lor e_{1,6} \lor e_{2,3}$$

2192.
$$t_{e_{1,6},e_{2,6}} \lor t_{e_{1,6},\neg e_{2,6}}, \neg t_{e_{1,6},e_{2,6}} \lor e_{1,2} \lor e_{2,6} \vdash t_{e_{1,6},\neg e_{2,6}} \lor e_{1,2} \lor e_{2,6}$$

2193.
$$t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,6} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6} \lor e_{2,6}$$

$$2194. \ t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,6},\,\neg e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,6} \vdash t_{e_{1,6},\,\neg e_{2,6}} \lor e_{1,6} \lor e_{2,6}$$

2195.
$$t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{1,2} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6} \lor e_{1,2}$$

2196.
$$e_{1,6} \lor t_{e_{1,2},e_{2,3}}, \neg t_{e_{1,2},e_{2,3}} \lor \neg t_{\neg e_{1,2},e_{2,3}} \lor e_{2,3} \vdash \neg t_{\neg e_{1,2},e_{2,3}} \lor e_{1,6} \lor e_{2,3}$$

2197.
$$e_{1,6} \lor t_{e_{1,2}, e_{2,3}}, e_{5,6} \lor \neg e_{1,6} \lor e_{2,6} \vdash e_{5,6} \lor t_{e_{1,2}, e_{2,3}} \lor e_{2,6}$$

$$2198. \ e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,6} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1$$

$$2199. \ e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,6} \lor \neg t_{\neg e_{1,6},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,6},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2200. \ e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,6} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1$$

$$2201. \ e_{1,6} \lor t_{e_{1,2},e_{2,3}}, \neg e_{1,6} \lor t_{e_{1,2},e_{2,3}} \lor \neg t_{\neg e_{1,6},\neg e_{2,6}} \vdash \neg t_{\neg e_{1,6},\neg e_{2,6}} \lor t_{e_{1,2},e_{2,3}}$$

$$2202. \ e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, t_{e_{1,2},\,e_{1,3}} \lor \neg e_{1,6} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

2203.
$$e_{1,6} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,6} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2204. \ e_{1,6} \lor t_{e_{1,2},e_{2,3}}, \neg e_{1,6} \lor \neg t_{\neg e_{1,6},\neg e_{2,6}} \lor \neg t_{\neg e_{1,6},e_{2,6}} \vdash t_{e_{1,2},e_{2,3}} \lor \neg t_{\neg e_{1,6},\neg e_{2,6}} \lor \neg t_{\neg e_{1,6},e_{2,6}} \lor \neg t_{\neg e_{1,6},e_$$

$$2205. \ e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,6} \lor t_{e_{1,5},\,\neg e_{2,5}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \vdash t_{e_{1,5},\,\neg e_{2,5}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{2,3}}$$

2206.
$$e_{1,6} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{1,6} \lor \neg e_{5,6} \lor \neg e_{2,6} \vdash \neg e_{5,6} \lor t_{e_{1,2}, e_{2,3}} \lor \neg e_{2,6}$$

$$2207. \ e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,6} \lor e_{1,2}$$

$$2208. \ e_{1,6} \lor t_{e_{1,2},e_{2,3}}, t_{e_{1,2},e_{1,3}} \lor \neg e_{1,6} \lor \neg t_{e_{1,5},\neg e_{1,6}} \vdash t_{e_{1,2},e_{1,3}} \lor \neg t_{e_{1,5},\neg e_{1,6}} \lor t_{e_{1,2},e_{2,3}}$$

$$2209. \ e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,2} \vdash e_{1,6} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,2}$$

$$2210. \ \ e_{1,6} \lor t_{e_{1,2},\, e_{2,3}}, \neg e_{1,3} \lor \neg e_{1,6} \lor e_{1,2} \vdash \neg e_{1,3} \lor t_{e_{1,2},\, e_{2,3}} \lor e_{1,2}$$

2211.
$$e_{1,6} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{1,6} \lor \neg e_{4,6} \lor \neg e_{2,6} \vdash t_{e_{1,2}, e_{2,3}} \lor \neg e_{4,6} \lor \neg e_{2,6}$$

$$2212. \ e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,6} \lor t_{e_{1,5},\,e_{2,5}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \vdash t_{e_{1,5},\,e_{2,5}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{2,3}}$$

$$2213. \ e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,6} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,$$

$$2214. \ e_{1,6} \lor t_{e_{1,2},e_{2,3}}, \neg e_{1,6} \lor t_{\neg e_{1,2},e_{1,3}} \lor \neg t_{\neg e_{1,5},\neg e_{1,6}} \vdash t_{\neg e_{1,2},e_{1,3}} \lor t_{e_{1,2},e_{2,3}} \lor \neg t_{\neg e_{1,5},\neg e_{1,6}} \lor t_{\neg e_{1,5},\neg e_{1,6$$

2215.
$$e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, e_{5,6} \lor \lnot e_{1,6} \lor \lnot e_{2,6} \vdash e_{5,6} \lor t_{e_{1,2},\,e_{2,3}} \lor \lnot e_{2,6}$$

$$2216. \ e_{1,6} \lor t_{e_{1,2},e_{2,3}}, \neg e_{1,6} \lor t_{\neg e_{1,5},\neg e_{2,5}} \lor \neg t_{\neg e_{1,5},\neg e_{1,6}} \vdash t_{\neg e_{1,5},\neg e_{2,5}} \lor t_{e_{1,2},e_{2,3}} \lor \neg t_{\neg e_{1,5},\neg e_{1,6}}$$

2217.
$$e_{1,6} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,2} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,6} \lor e_{1,2}$$

2218.
$$e_{1,6} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \lor e_{2,3}$$

$$2219. \ e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, t_{e_{1,5},\,\neg e_{2,5}} \lor \neg e_{1,6} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \vdash t_{e_{1,5},\,\neg e_{2,5}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{2,3}}$$

$$2220. \ e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,3},\,e_{2,3}} \lor e_{1,6} \lor e_{1,2}$$

$$2221. \ e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,3} \vdash t_{e_{1,2},\,e_{1,3}} \lor e_{1,6} \lor e_{2,3}$$

$$2222. \ e_{1,6} \lor t_{e_{1,2},e_{2,3}}, \neg e_{1,6} \lor t_{\neg e_{1,2},e_{1,3}} \lor \neg t_{e_{1,5},\neg e_{1,6}} \vdash t_{\neg e_{1,2},e_{1,3}} \lor \neg t_{e_{1,5},\neg e_{1,6}} \lor t_{e_{1,2},e_{2,3}}$$

$$2223. \ e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,6} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,6},\,e$$

$$2224. \ e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,6} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor \neg t_{\neg e_{1,6},\,\neg e_{2,6}} \vdash t_{e_{1,6},\,\neg e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,6},\,\neg e_{2,6}} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor t_{e$$

$$2225. \ e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,6} \lor \neg t_{\neg e_{1,6},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \vdash t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,6},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}}$$

2226.
$$e_{1,6} \lor t_{e_{1,2},e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,6} \lor e_{1,3} \vdash \neg e_{1,2} \lor t_{e_{1,2},e_{2,3}} \lor e_{1,3}$$

$$2227. \ e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,6} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{2,3}}$$

2228.
$$e_{1,6} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{1,6} \lor \neg e_{5,6} \lor e_{2,6} \vdash \neg e_{5,6} \lor t_{e_{1,2}, e_{2,3}} \lor e_{2,6}$$

2229.
$$e_{1,6} \lor t_{e_{1,2}, e_{2,3}}, t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{1,6} \lor e_{2,3}$$

$$2230. \ e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,$$

2231.
$$e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,6} \lor e_{1,3} \lor e_{1,2} \vdash t_{e_{1,2},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

2232.
$$e_{1,6} \lor t_{e_{1,2},e_{2,3}}, \neg e_{1,6} \lor e_{4,6} \lor \neg e_{2,6} \vdash e_{4,6} \lor t_{e_{1,2},e_{2,3}} \lor \neg e_{2,6}$$

2233.
$$e_{1,6} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{1,6} \lor e_{4,6} \lor e_{2,6} \vdash e_{4,6} \lor t_{e_{1,2}, e_{2,3}} \lor e_{2,6}$$

$$2234. \ e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,6} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \tau_{e_{1,5},\,\neg e_{1,6}} \lor \tau_{e_{1,5$$

$$2235. \ e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,6} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,e_{2,5}} \vdash t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,6}$$

$$2236. \ e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,6} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,5},\,\neg e_{1,6}} \lor t_$$

2237.
$$e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,6} \lor \neg e_{4,6} \lor e_{2,6} \vdash t_{e_{1,2},\,e_{2,3}} \lor \neg e_{4,6} \lor e_{2,6}$$

$$2238. \ e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,6} \lor \neg t_{\neg e_{1,6},\,\neg e_{2,6}} \lor t_{\neg e_{1,6},\,\neg e_{2,6}} \vdash t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,6},\,\neg e_{2,6}} \lor t_{\neg e_{1,6},\,\neg e_{2,$$

$$2239. \ e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \vdash \neg t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}}$$

$$2240. \ e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg e_{1,6} \vdash \neg e_{1,2} \lor \neg e_{1,3} \lor t_{e_{1,2},\,e_{2,3}}$$

$$2241. \ e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,6} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\,\neg e_{2,6}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\,\neg e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,6},\,\neg e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,6},\,\neg e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor t_$$

$$2242. \ e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,6} \lor t_{\neg e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \vdash t_{\neg e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,6},\,e$$

2243.
$$e_{1,6} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{1,6} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

$$2244. \ e_{1,6} \lor t_{e_{1,2},e_{2,3}}, \neg e_{1,6} \lor t_{e_{1,6},e_{2,6}} \lor \neg t_{\neg e_{1,6},e_{2,6}} \vdash t_{e_{1,2},e_{2,3}} \lor t_{e_{1,6},e_{2,6}} \lor \neg t_{\neg e_{1,6},e_{2,6}} \lor \neg t$$

$$2245. \ e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash \neg t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,\neg e$$

$$2246. \ e_{1,6} \lor t_{e_{1,2},e_{2,3}}, \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\neg e_{1,6}} \vdash t_{e_{1,2},e_{2,3}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\neg e_{1,6}}$$

$$2247. \ e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,6} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}$$

$$2248. \ e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,3} \lor \neg e_{1,6} \lor t_{e_{1,3},\,\neg e_{2,3}} \vdash \neg e_{1,3} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2$$

$$2249. \ e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,6} \lor \neg e_{5,6} \lor t_{e_{1,6},\,\neg e_{2,6}} \vdash \neg e_{5,6} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}}$$

$$2250. \ e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,6} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor \neg e_{4,6} \vdash t_{e_{1,6},\,\neg e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg e_{4,6}$$

$$2251. \ e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, e_{5,6} \lor \neg e_{1,6} \lor t_{e_{1,6},\,\neg e_{2,6}} \vdash e_{5,6} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}}$$

$$2252. \ e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,6} \lor e_{4,6} \lor t_{e_{1,6},\,\neg e_{2,6}} \vdash e_{4,6} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}}$$

$$2253. \ e_{1,6} \lor t_{e_{1,2},e_{2,3}}, \neg e_{1,6} \lor \neg e_{5,6} \lor t_{e_{1,2},\neg e_{1,3}} \vdash \neg e_{5,6} \lor t_{e_{1,2},e_{2,3}} \lor t_{e_{1,2},\neg e_{1,3}}$$

$$2254. \ e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,6} \lor \neg e_{4,6} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,2},\,e_{2,3}} \lor \neg e_{4,6} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$2255. \ e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, e_{5,6} \lor \neg e_{1,6} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{5,6} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

2256.
$$e_{1,6} \lor t_{e_{1,2},e_{2,3}}, \neg e_{1,6} \lor e_{4,6} \lor t_{e_{1,2},\neg e_{1,3}} \vdash e_{4,6} \lor t_{e_{1,2},e_{2,3}} \lor t_{e_{1,2},\neg e_{1,3}}$$

2257.
$$e_{1,6} \lor t_{e_{1,2},e_{2,3}}, \neg e_{1,6} \lor t_{e_{1,2},e_{2,3}} \lor e_{1,2} \vdash e_{1,2} \lor t_{e_{1,2},e_{2,3}}$$

$$2258. \ e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,6} \lor t_{e_{1,2},\,e_{2,3}} \vdash \neg e_{1,2} \lor t_{e_{1,2},\,e_{2,3}}$$

2259.
$$e_{1,6} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{1,6} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

$$2260. \ e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,6} \lor \neg e_{5,6} \lor t_{\neg e_{1,2},\,e_{1,3}} \vdash \neg e_{5,6} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}}$$

$$2261. \ e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,6} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor \neg e_{4,6} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg e_{4,6}$$

$$2262. \ e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, e_{5,6} \lor \neg e_{1,6} \lor t_{\neg e_{1,2},\,e_{1,3}} \vdash e_{5,6} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}}$$

$$2263. \ e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,6} \lor e_{4,6} \lor t_{\neg e_{1,2},\,e_{1,3}} \vdash e_{4,6} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}}$$

$$2264. \ e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,6} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor e_{1,2} \vdash t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,2}$$

$$2265. \ e_{1,6} \lor t_{e_{1,2},e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,6} \lor t_{\neg e_{1,3},e_{2,3}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,3},e_{2,3}} \lor t_{e_{1,2},e_{2,3}}$$

$$2266. \ e_{1,6} \lor t_{e_{1,2},e_{2,3}}, \neg e_{1,6} \lor t_{e_{1,3},\neg e_{2,3}} \lor t_{\neg e_{1,3},e_{2,3}} \vdash t_{e_{1,3},\neg e_{2,3}} \lor t_{\neg e_{1,3},e_{2,3}} \lor t_{e_{1,2},e_{2,3}} \lor t_{e_$$

$$2267. \ e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,6} \lor e_{2,3} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \vdash t_{e_{1,2},\,e_{2,3}} \lor e_{2,3} \lor \neg t_{\neg e_{1,6},\,e_{2,6}}$$

$$2268. \ e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,6} \lor \neg t_{\neg e_{1,6},\,\neg e_{2,6}} \lor e_{2,3} \vdash t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,6},\,\neg e_{2,6}} \lor e_{2,3}$$

$$2269. \ e_{1,6} \lor t_{e_{1,2},\, e_{2,3}}, \neg t_{e_{1,2},\, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash e_{1,6} \lor e_{2,3} \lor e_{1,2}$$

2270.
$$e_{1,6} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash e_{1,6} \lor e_{2,3} \lor e_{1,2}$$

$$2271. \ e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,6} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{1,3} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}$$

$$2272. \ e_{1,6} \lor t_{e_{1,2},e_{2,3}}, \neg e_{1,6} \lor \neg t_{\neg e_{1,5},\neg e_{1,6}} \lor e_{1,2} \vdash t_{e_{1,2},e_{2,3}} \lor \neg t_{\neg e_{1,5},\neg e_{1,6}} \lor e_{1,2}$$

$$2273. \ e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,3} \lor \neg e_{1,6} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}}$$

$$2274. \ e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,6} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{1,2} \vdash \neg t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,2}$$

2275.
$$e_{1,6} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{1,6} \lor \neg e_{5,6} \lor e_{1,2} \vdash \neg e_{5,6} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,2}$$

2276.
$$e_{1,6} \lor t_{e_{1,2},e_{2,3}}, \neg e_{1,6} \lor \neg e_{4,6} \lor e_{1,2} \vdash t_{e_{1,2},e_{2,3}} \lor \neg e_{4,6} \lor e_{1,2}$$

2277.
$$e_{1,6} \lor t_{e_{1,2}, e_{2,3}}, e_{5,6} \lor \neg e_{1,6} \lor e_{1,2} \vdash e_{5,6} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,2}$$

2278.
$$e_{1,6} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{1,6} \lor e_{4,6} \lor e_{1,2} \vdash e_{4,6} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,2}$$

2279.
$$e_{1,6} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{1,6} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, e_{2,3}}$$

$$2280. \ e_{1,6} \lor t_{e_{1,2},e_{2,3}}, \neg e_{1,6} \lor t_{\neg e_{1,3},e_{2,3}} \lor \neg t_{e_{1,2},\neg e_{1,3}} \vdash t_{\neg e_{1,3},e_{2,3}} \lor \neg t_{e_{1,2},\neg e_{1,3}} \lor t_{e_{1,2},e_{2,3}} \lor \neg t_{e_{1,2},e_{2,3}} \lor$$

$$2281. \ e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, e_{1,5} \lor \neg e_{1,6} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{2,3}}$$

$$2282. \ e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, e_{1,5} \lor \neg e_{1,6} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,e_{2,3}}$$

2283.
$$e_{1,6} \lor t_{e_{1,2},e_{2,3}}, \neg e_{1,6} \lor t_{\neg e_{1,2},e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,2},e_{2,3}} \lor t_{\neg e_{1,2},e_{2,3}} \lor e_{1,2}$$

$$2284. \ e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,6} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg e_{1,2} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2285. \ e_{1,6} \lor t_{e_{1,2},e_{2,3}}, \neg e_{1,6} \lor t_{e_{1,3},\neg e_{2,3}} \lor t_{\neg e_{1,2},e_{2,3}} \vdash t_{e_{1,3},\neg e_{2,3}} \lor t_{e_{1,2},e_{2,3}} \lor t_{\neg e_{1,2},e_{2,3}} \lor t_{$$

$$2286. \ e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,6} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e$$

2287.
$$e_{1,6} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{1,6} \lor e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, e_{2,3}} \lor e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2288. \ e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,6} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash \neg e_{1,2} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$2289. \ e_{1,6} \lor t_{e_{1,2},e_{2,3}}, \neg e_{1,6} \lor t_{e_{1,3},\neg e_{2,3}} \lor t_{e_{1,2},\neg e_{1,3}} \vdash t_{e_{1,3},\neg e_{2,3}} \lor t_{e_{1,2},e_{2,3}} \lor t_{e_{1,2},\neg e_{1,3}}$$

$$2290. \ e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,6} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,\neg e_{$$

$$2291. \ e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,6} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash t_{e_{1,2},\,e_{2,3}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

2292.
$$e_{1,6} \lor t_{e_{1,2},e_{2,3}}, \neg e_{1,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{1,6},e_{2,6}} \vdash \neg e_{5,6} \lor t_{e_{1,2},e_{2,3}} \lor \neg t_{\neg e_{1,6},e_{2,6}}$$

$$2293. \ e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,6} \lor \neg e_{4,6} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \vdash t_{e_{1,2},\,e_{2,3}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{1,6},\,e_{2,6}}$$

$$2294. \ e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, e_{5,6} \lor \neg e_{1,6} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \vdash e_{5,6} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}}$$

$$2295. \ e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,6} \lor e_{4,6} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \vdash e_{4,6} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}}$$

$$2296. \ e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,6} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}$$

$$2297. \ e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,3} \lor \neg e_{1,6} \lor t_{\neg e_{1,3},\,e_{2,3}} \vdash \neg e_{1,3} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}}$$

2298.
$$e_{1,6} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{1,6} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$2299. \ e_{1,6} \lor t_{e_{1,2},e_{2,3}}, \neg e_{1,6} \lor t_{\neg e_{1,3},e_{2,3}} \lor t_{\neg e_{1,2},e_{2,3}} \vdash t_{\neg e_{1,3},e_{2,3}} \lor t_{e_{1,2},e_{2,3}} \lor t_{\neg e_{1,2},e_{2,3}} \lor t_{$$

$$2300. \ e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,6} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$2301. \ e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,6} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,3}$$

$$2302. \ e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,3} \lor \neg e_{1,6} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg e_{1,3} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3$$

2303.
$$e_{1,6} \lor t_{e_{1,2},e_{2,3}}, \neg e_{1,6} \lor t_{e_{1,2},e_{2,3}} \lor t_{\neg e_{1,2},e_{2,3}} \vdash t_{\neg e_{1,2},e_{2,3}} \lor t_{e_{1,2},e_{2,3}}$$

2304.
$$e_{1,6} \lor t_{e_{1,2},e_{2,3}}, \neg e_{1,6} \lor t_{\neg e_{1,3},e_{2,3}} \lor t_{\neg e_{1,2},e_{2,3}} \vdash t_{\neg e_{1,3},e_{2,3}} \lor t_{e_{1,2},e_{2,3}} \lor t_{\neg e_{1,2},e_{2,3}}$$

$$2305. \ e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,6} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

2306.
$$e_{1,6} \lor t_{e_{1,2},e_{2,3}}, \neg t_{e_{1,2},e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash e_{1,6} \lor e_{2,3} \lor e_{1,2}$$

2307.
$$e_{1,6} \lor t_{e_{1,2},e_{2,3}}, \neg e_{1,6} \lor e_{1,2} \lor \neg t_{\neg e_{1,6},e_{2,6}} \vdash t_{e_{1,2},e_{2,3}} \lor e_{1,2} \lor \neg t_{\neg e_{1,6},e_{2,6}}$$

$$2308. \ e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,6} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}$$

$$2309. \ e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,3} \lor \neg e_{1,6} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_$$

2310.
$$e_{1,6} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor e_{1,2} \vdash t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor e_{1,2}$$

2311.
$$e_{1,6} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{1,6} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

$$2312. \ e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,6} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,3},\,e_{2,3}} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_$$

$$2313. \ e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,6} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e$$

$$2314. \ e_{1,6} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,6} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$2315. \ \ t_{e_{1,4},\, \neg e_{2,4}} \lor e_{2,4}, \neg e_{2,4} \lor \neg e_{4,5} \lor e_{1,4} \vdash t_{e_{1,4},\, \neg e_{2,4}} \lor \neg e_{4,5} \lor e_{1,4}$$

$$2316. \ \ t_{e_{1,4},\, \neg e_{2,4}} \lor e_{2,4}, \neg e_{2,4} \lor \neg t_{\neg e_{1,4},\, \neg e_{2,4}} \lor \neg t_{e_{1,4},\, \neg e_{2,4}} \vdash t_{e_{1,4},\, \neg e_{2,4}} \lor \neg t_{e_{1,4},\, \neg e_{2,4}} \lor \neg t_{\neg e_{1,4},\, \neg e_{2,4}} \lor \neg t_{\neg e_{1,4},$$

$$2317. \ t_{e_{1,4},\, \neg e_{2,4}} \lor e_{2,4}, \neg e_{2,4} \lor t_{\neg e_{1,4},\, e_{2,4}} \lor \neg t_{\neg e_{1,4},\, \neg e_{2,4}} \vdash t_{e_{1,4},\, \neg e_{2,4}} \lor t_{\neg e_{1,4},\, e_{2,4}} \lor \neg t_{\neg e_{1,4},\, \neg e_{2,4}} \lor t_{\neg e_{1,4},\, e_{2,4}} \lor \neg t_{$$

$$2318. \ t_{e_{1,4},\, \neg e_{2,4}} \lor e_{2,4}, \neg e_{2,4} \lor \neg t_{\neg e_{1,4},\, \neg e_{2,4}} \lor t_{\neg e_{1,4},\, \neg e_{2,4}} \vdash t_{e_{1,4},\, \neg e_{2,4}} \lor \neg t_{\neg e_{1,4},\, \neg e_{2,4}} \lor t_{\neg e_{1,4},\, \neg e_{2,4}} \lor$$

2319.
$$t_{e_{1,4}, \neg e_{2,4}} \lor e_{2,4}, t_{e_{1,4}, \neg e_{2,4}} \lor \neg e_{2,4} \lor \neg t_{e_{1,4}, \neg e_{2,4}} \vdash t_{e_{1,4}, \neg e_{2,4}} \lor \neg t_{e_{1,4}, \neg e_{2,4}}$$

2320.
$$t_{e_{1,4}}, \neg e_{2,4} \lor e_{2,4}, \neg e_{2,4} \lor \neg e_{4,6} \lor e_{1,4} \vdash t_{e_{1,4}}, \neg e_{2,4} \lor \neg e_{4,6} \lor e_{1,4}$$

2321.
$$t_{e_{1,4}, \neg e_{2,4}} \lor e_{2,4}, e_{4,5} \lor \neg e_{2,4} \lor e_{1,4} \vdash t_{e_{1,4}, \neg e_{2,4}} \lor e_{4,5} \lor e_{1,4}$$

$$2322. \ \ t_{e_{1,4},\, \neg e_{2,4}} \lor e_{2,4}, e_{4,5} \lor \neg e_{2,4} \lor \neg e_{1,4} \vdash t_{e_{1,4},\, \neg e_{2,4}} \lor e_{4,5} \lor \neg e_{1,4}$$

$$2323. \ t_{e_{1,4},\, \neg e_{2,4}} \lor e_{2,4}, t_{e_{1,4},\, e_{2,4}} \lor \neg e_{2,4} \lor \neg t_{e_{1,4},\, \neg e_{2,4}} \vdash t_{e_{1,4},\, \neg e_{2,4}} \lor t_{e_{1,4},\, e_{2,4}} \lor \neg t_{e_{1,4},\, \neg e_{2,4}} \lor \neg t_{e_{1,4$$

2324.
$$t_{e_{1,4}, \neg e_{2,4}} \lor e_{2,4}, \neg e_{2,4} \lor \neg e_{1,4} \lor \neg e_{4,5} \vdash t_{e_{1,4}, \neg e_{2,4}} \lor \neg e_{4,5} \lor \neg e_{1,4}$$

2325.
$$t_{e_{1,4}, \neg e_{2,4}} \lor e_{2,4}, e_{4,6} \lor \neg e_{2,4} \lor e_{1,4} \vdash t_{e_{1,4}, \neg e_{2,4}} \lor e_{4,6} \lor e_{1,4}$$

$$2326. \ \ t_{e_{1,4},\, \neg e_{2,4}} \lor e_{2,4}, \neg e_{2,4} \lor \neg t_{e_{1,4},\, \neg e_{2,4}} \lor \neg t_{\neg e_{1,4},\, \neg e_{2,4}} \vdash t_{e_{1,4},\, \neg e_{2,4}} \lor \neg t_{\neg e_{1,4},\, \neg e_{2,4}} \lor \neg t_{e_{1,4},\, \neg e_{2,4}}$$

2327.
$$t_{e_{1,4}, \neg e_{2,4}} \lor e_{2,4}, e_{4,6} \lor \neg e_{2,4} \lor \neg e_{1,4} \vdash t_{e_{1,4}, \neg e_{2,4}} \lor e_{4,6} \lor \neg e_{1,4}$$

$$2328. \ \ t_{e_{1,4},\, \neg e_{2,4}} \lor e_{2,4}, \neg e_{2,4} \lor \neg e_{4,6} \lor \neg e_{1,4} \vdash t_{e_{1,4},\, \neg e_{2,4}} \lor \neg e_{4,6} \lor \neg e_{1,4}$$

$$2329. \ t_{\neg e_{1,4},\, e_{2,4}} \lor t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash e_{1,5} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,4},\, e_{2,4}} \lor t_{\neg e_{1,4},$$

$$2330. \ t_{\neg e_{1,4}, \, e_{2,4}} \lor t_{e_{1,5}, \, e_{2,5}}, \neg t_{e_{1,5}, \, e_{2,5}} \lor e_{2,5} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor e_{2,5} \lor t_{\neg e_{1,4}, \, e_{2,4}}$$

2331.
$$t_{\neg e_{1,4}, e_{2,4}} \lor t_{e_{1,5}, e_{2,5}}, \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{2,5} \lor t_{\neg e_{1,4}, e_{2,4}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2332. \ t_{\neg e_{1,4},\, e_{2,4}} \lor t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{e_{1,5},\, e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,4},\, e_{2,4}}$$

$$2333. \ t_{\neg e_{1,4},\, e_{2,4}} \lor t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash e_{1,5} \lor t_{\neg e_{1,4},\, e_{2,4}} \lor t_{\neg e_{1,5},\, e_{2,5}}$$

$$2334. \ t_{\neg e_{1,4},\, e_{2,4}} \lor t_{e_{1,5},\, e_{2,5}}, t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,5} \lor t_{\neg e_{1,4},\, e_{2,4}}$$

$$2335. \ t_{\neg e_{1,4},\, e_{2,4}} \lor t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \vdash e_{1,5} \lor t_{\neg e_{1,4},\, e_{2,4}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}}$$

$$2336. \ t_{\neg e_{1,4}, \, e_{2,4}} \lor t_{e_{1,5}, \, e_{2,5}}, t_{e_{1,2}, \, e_{1,3}} \lor \neg t_{e_{1,5}, \, e_{2,5}} \lor e_{2,5} \vdash t_{e_{1,2}, \, e_{1,3}} \lor e_{2,5} \lor t_{\neg e_{1,4}, \, e_{2,4}}$$

$$2337. \ t_{\neg e_{1,4}, \, e_{2,4}} \lor t_{e_{1,5}, \, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, \, e_{2,5}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash e_{1,5} \lor t_{\neg e_{1,4}, \, e_{2,4}} \lor t_{\neg e_{1,2}, \, e_{2,3}}$$

$$2338. \ t_{\neg e_{1,4},\, e_{2,4}} \lor t_{e_{1,5},\, e_{2,5}}, t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor e_{2,5} \lor t_{\neg e_{1,4},\, e_{2,4}}$$

$$2339. \ t_{\neg e_{1,4},\, e_{2,4}} \lor t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \vdash \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor t_{\neg e_{1,4},\, e_{2,4}}$$

2340.
$$t_{\neg e_{1,4}, e_{2,4}} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,4}, e_{2,4}}$$

$$2341. \ t_{\neg e_{1,4}, \, e_{2,4}} \lor t_{e_{1,5}, \, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, \, e_{2,5}} \lor e_{2,3} \vdash e_{1,5} \lor t_{\neg e_{1,4}, \, e_{2,4}} \lor e_{2,3}$$

2342.
$$t_{\neg e_{1,4}, e_{2,4}} \lor t_{e_{1,5}, e_{2,5}}, \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,2} \vdash e_{2,5} \lor t_{\neg e_{1,4}, e_{2,4}} \lor e_{1,2}$$

$$2343. \ t_{\neg e_{1,4},\, e_{2,4}} \lor t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \vdash e_{1,5} \lor e_{2,5} \lor t_{\neg e_{1,4},\, e_{2,4}}$$

$$2344. \ t_{\neg e_{1,4},\, e_{2,4}} \lor t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \vdash e_{1,5} \lor e_{2,5} \lor t_{\neg e_{1,4},\, e_{2,4}}$$

$$2345. \ t_{\neg e_{1,4}, \, e_{2,4}} \lor t_{e_{1,5}, \, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, \, e_{2,5}} \lor e_{1,2} \vdash e_{1,5} \lor t_{\neg e_{1,4}, \, e_{2,4}} \lor e_{1,2}$$

$$2346. \ t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$2347. \ t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor t_{e_{1,5}, \, e_{2,5}}, \neg t_{e_{1,5}, \, e_{2,5}} \lor e_{2,5} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \vdash e_{2,5} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}}$$

$$2348.\ t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,5}, e_{2,5}}, \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2349. \ t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$2350. \ t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,5}, \, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, \, e_{2,5}} \lor t_{\neg e_{1,5}, \, e_{2,5}} \vdash e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{\neg e_{1,5}, \, e_{2,5}}$$

2351.
$$t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,5}, e_{2,5}}, t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$2352. \ t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor t_{e_{1,5}, \, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, \, e_{2,5}} \lor \neg t_{e_{1,5}, \, \neg e_{2,5}} \vdash e_{1,5} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor \neg t_{e_{1,5}, \, \neg e_{2,5}}$$

$$2353. \ t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,5}, e_{2,5}}, t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$2354. \ t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$2355. \ t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,5}, e_{2,5}}, t_{e_{1,5}, \neg e_{2,5}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$2356. \ t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor t_{e_{1,5}, \, e_{2,5}}, \neg t_{\neg e_{1,5}, \, e_{2,5}} \lor \neg t_{e_{1,5}, \, e_{2,5}} \lor e_{2,5} \vdash \neg t_{\neg e_{1,5}, \, e_{2,5}} \lor e_{2,5} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}}$$

$$2357. \ t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

2358.
$$t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,3} \vdash e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

$$2359. \ t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor t_{e_{1,5}, \, e_{2,5}}, \neg t_{e_{1,5}, \, e_{2,5}} \lor e_{2,5} \lor e_{1,2} \vdash e_{2,5} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor e_{1,2}$$

2360.
$$t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \vdash e_{1,5} \lor e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

2361.
$$t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \vdash e_{1,5} \lor e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$2362. \ t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{1,2} \vdash e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{1,2}$$

$$2363. \ t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,3} \vdash \neg t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,3} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$2364. \ t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{2,3} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2365. \ t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$2366. \ t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$2367. \ t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,2} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,2} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$2368.\ t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,3} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$2369. \ t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,3}, e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,3}, e_{2,3}} \lor e_{1,2} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$2370. \ t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, e_{1,3}} \lor e_{2,3} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{2,3} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$2371. \ t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}, t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{2,3} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$2372. \ t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{1,2}, \, e_{2,3}}, \neg t_{e_{1,2}, \, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash e_{2,3} \lor e_{1,2} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}$$

2373.
$$t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash e_{2,3} \lor e_{1,2} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$2374. \ t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash e_{2,3} \lor e_{1,2} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$2375. \ \ t_{e_{1,6},\, \neg e_{2,6}} \lor t_{e_{1,4},\, e_{2,4}}, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor \neg t_{e_{1,4},\, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,4} \vdash t_{e_{2,4},\, e_{2,4}} \lor e_{2,4} \vdash t_{e_{2,4},\, e_{2,4}} \lor e_{2,4} \lor$$

$$2376. \ t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,4}, e_{2,4}}, t_{e_{1,4}, \neg e_{2,4}} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,4}, \neg e_{2,4}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,4}$$

$$2377. \ t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,4}, e_{2,4}}, e_{1,4} \lor t_{\neg e_{1,4}, e_{2,4}} \lor \neg t_{e_{1,4}, e_{2,4}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,4}, e_{2,4}} \lor e_{1,4} \lor$$

$$2378. \ t_{e_{1,6},\, \neg e_{2,6}} \lor t_{e_{1,4},\, e_{2,4}}, e_{1,4} \lor \neg t_{e_{1,4},\, \neg e_{2,4}} \lor \neg t_{e_{1,4},\, e_{2,4}} \vdash t_{e_{1,6},\, \neg e_{2,6}} \lor e_{1,4} \lor \neg t_{e_{1,4},\, \neg e_{2,4}} \lor \neg t_{e_{1,4},\, e_{2,4}} \vdash t_{e_{1,6},\, \neg e_{2,6}} \lor e_{1,4} \lor \neg t_{e_{1,4},\, \neg e_{2,4}} \lor \neg t_{e_{1,4},\, e_{2,4}} \vdash t_{e_{1,6},\, \neg e_{2,6}} \lor e_{1,4} \lor \neg t_{e_{1,4},\, \neg e_{2,4}} \lor \neg t_{e_{1,4},\, e_{2,4}} \lor \neg t_{e_{1,4},\,$$

$$2379. \ t_{e_{1,6},\, \neg e_{2,6}} \lor t_{e_{1,4},\, e_{2,4}}, e_{1,4} \lor \neg t_{e_{1,4},\, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,6},\, \neg e_{2,6}} \lor e_{1,4} \lor e_{2,4}$$

$$2380. \ t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor t_{e_{1,2}, \, e_{2,3}}, \neg t_{e_{1,2}, \, e_{2,3}} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{2,3} \vdash \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor e_{2,3}$$

$$2381. \ t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2382. \ t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{1,2}$$

$$2383. \ t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2} \vdash t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}$$

$$2384. \ t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,2} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{1,2}$$

$$2385. \ t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

$$2386. \ t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,3}, e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{1,2}$$

$$2387. \ t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, e_{1,3}} \lor e_{2,3} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

$$2388. \ t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, e_{2,3}}, t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

$$2389. \ t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor t_{e_{1,2}, \, e_{2,3}}, \neg t_{e_{1,2}, \, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$2390. \ t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor t_{e_{1,2}, \, e_{2,3}}, \neg t_{e_{1,2}, \, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

2391.
$$t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$2392. \ t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{1,3}}, \neg t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{1,2} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{1,2}$$

$$2393. \ \ t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{1,2}, \, e_{1,3}}, \neg t_{e_{1,2}, \, e_{1,3}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor e_{1,3}$$

$$2394. \ t_{e_{1,6},\,\neg e_{2,6}} \lor t_{e_{1,2},\,e_{1,3}}, t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,e_{1,3}} \lor e_{1,2} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor e_{1,2}$$

$$2395. \ t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{1,3}}, \neg t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,3}$$

$$2396. \ \ t_{e_{1,6},\, \neg e_{2,6}} \lor t_{e_{1,2},\, e_{1,3}}, \neg t_{e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \lor e_{1,3} \vdash t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \lor e_{1,3}$$

2397.
$$t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{1,3}}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, e_{1,3}} \lor e_{1,2} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,2}$$

$$2398. \ \ t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{1,2}, \, e_{1,3}}, \, \neg t_{e_{1,2}, \, e_{1,3}} \lor e_{1,3} \lor t_{e_{1,2}, \, \neg e_{1,3}} \vdash t_{e_{1,6}, \, \neg e_{2,6}} \lor e_{1,3} \lor t_{e_{1,2}, \, \neg e_{1,3}}$$

$$2399. \ t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{1,3}}, \neg t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,3}, e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,3}, e_{2,3}} \lor e_{1,2}$$

2400.
$$t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{1,3}}, \neg t_{e_{1,2}, e_{1,3}} \lor e_{1,3} \lor e_{1,2} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,3} \lor e_{1,2}$$

$$2401. \ t_{e_{1,6},\, \neg e_{2,6}} \lor t_{e_{1,2},\, e_{1,3}}, \neg t_{e_{1,2},\, e_{1,3}} \lor e_{1,3} \lor e_{1,2} \vdash t_{e_{1,6},\, \neg e_{2,6}} \lor e_{1,3} \lor e_{1,2}$$

$$2402. \ t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash e_{1,5} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}}$$

$$2403. \ t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,5},\, e_{2,5}}, \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{2,5}$$

$$2404. \ t_{\neg e_{1,2}, \, e_{1,3}} \lor t_{e_{1,5}, \, e_{2,5}}, \neg t_{e_{1,5}, \, e_{2,5}} \lor e_{2,5} \lor t_{e_{1,2}, \, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, \, e_{1,3}} \lor e_{2,5} \lor t_{e_{1,2}, \, \neg e_{1,3}}$$

2405.
$$t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$2406. \ t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash e_{1,5} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,5},\, e_{2,5}}$$

2407.
$$t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,5}, e_{2,5}}, t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \vdash e_{2,5} \lor t_{\neg e_{1,2}, e_{1,3}}$$

$$2408. \ t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \vdash e_{1,5} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}}$$

2409.
$$t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,5}, e_{2,5}}, t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,5}$$

$$2410. \ t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash e_{1,5} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_$$

$$2411. \ t_{\neg e_{1,2}, \, e_{1,3}} \lor t_{e_{1,5}, \, e_{2,5}}, t_{e_{1,5}, \, \neg e_{2,5}} \lor \neg t_{e_{1,5}, \, e_{2,5}} \lor e_{2,5} \vdash t_{e_{1,5}, \, \neg e_{2,5}} \lor t_{\neg e_{1,2}, \, e_{1,3}} \lor e_{2,5}$$

$$2412. \ t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5}$$

$$2413. \ t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor t_{e_{1,2},\, e_{2,3}} \lor \neg t_{e_{1,5},\, e_{2,5}} \vdash e_{1,5} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, e_{2,3}}$$

$$2414. \ t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,3} \vdash e_{1,5} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,3}$$

2415.
$$t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,5}, e_{2,5}}, \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,2} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,5} \lor e_{1,2}$$

$$2416.\ t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \vdash e_{1,5} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,5}$$

2417.
$$t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \vdash e_{1,5} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,5}$$

2418.
$$t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{1,2} \vdash e_{1,5} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,2}$$

$$2419. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, t_{e_{1,2},\, e_{1,3}} \lor \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{1,3}}$$

2420.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{1,2} \lor e_{1,5} \lor e_{1,3} \vdash e_{1,5} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,3}$$

2421.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg e_{2,6} \vdash \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{1,3}} \lor \neg e_{2,6}$$

$$2422. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg e_{1,5} \vdash \neg e_{1,3} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg e_{1,5}$$

$$2423. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{2,3} \vdash \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,3}$$

$$2424. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1$$

$$2425. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,3},\, e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,3},\, e_{2,3}} \lor t_{e_{1,3},$$

$$2426. \ e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, \neg e$$

2427.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{1,2} \lor e_{2,5} \lor e_{2,3} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,5} \lor e_{2,3}$$

$$2428. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{1,3} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{1,3}$$

$$2429. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg$$

$$2430. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg$$

2431.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{1,2} \lor e_{2,3} \lor e_{2,6} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,3} \lor e_{2,6}$$

$$2432. \ e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{\neg e_{1,2}, e_{1,3}}$$

$$2433. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{$$

$$2434. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t$$

$$2435. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor$$

$$2436. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor \neg e_{1,5} \lor e_{1,3} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg e_{1,5} \lor e_{1,3}$$

$$2437. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{1,3}}$$

2438.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{1,2} \lor e_{1,5} \lor \neg e_{1,3} \vdash e_{1,5} \lor \neg e_{1,3} \lor t_{\neg e_{1,2}, e_{1,3}}$$

$$2439. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor \neg e_{1,6} \lor e_{1,3} \vdash \neg e_{1,6} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor e_{1,3}$$

$$2440. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor \neg e_{2,5} \lor e_{2,3} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg e_{2,5} \lor e_{2,3}$$

$$2441. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \lor t_{e_$$

$$2442. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\,$$

$$2443. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1$$

$$2444. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor e_{1,6} \lor e_{1,3} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor e_{1,6} \lor e_{1,3}$$

2445.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg e_{2,5} \vdash \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{1,3}} \lor \neg e_{2,5}$$

2446.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg e_{2,6} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,3} \lor \neg e_{2,6}$$

$$2447. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor$$

2448.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor e_{2,5} \vdash \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,5}$$

$$2449. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_$$

$$2450. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \vdash \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \lor$$

$$2451. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \vdash \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg$$

2452.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg e_{1,6} \vdash \neg e_{1,3} \lor \neg e_{1,6} \lor t_{\neg e_{1,2}, e_{1,3}}$$

$$2453. \ \ e_{1,2} \lor t_{\lnot e_{1,2}, \, e_{1,3}}, \lnot e_{1,2} \lor \lnot e_{2,3} \lor e_{2,6} \vdash \lnot e_{2,3} \lor t_{\lnot e_{1,2}, \, e_{1,3}} \lor e_{2,6}$$

$$2454. \ e_{1,2} \lor t_{\lnot e_{1,2},\, e_{1,3}}, \lnot e_{1,2} \lor \lnot e_{1,3} \lor e_{1,6} \vdash \lnot e_{1,3} \lor t_{\lnot e_{1,2},\, e_{1,3}} \lor e_{1,6}$$

$$2455. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1$$

$$2456. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor t_{e_{1,6},\, \neg e_{2,6}} \vdash \neg e_{2,3} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,6},\, \neg e_{2,6}}$$

$$2457. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor e_{2,3} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor e_{2,3}$$

$$2458. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg e_{2,3} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$2459. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor e_{2,3} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,3} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$2460. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg e_{1,3} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

2461.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}$$

$$2462. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor \neg e_{1,5} \lor t_{e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg e_{1,5} \lor t_{e_{1,2},\, e_{2,3}}$$

$$2463. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor e_{1,5} \lor t_{e_{1,2},\, e_{2,3}} \vdash e_{1,5} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, e_{2,3}}$$

$$2464. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor \neg e_{1,6} \lor t_{e_{1,2},\, e_{2,3}} \vdash \neg e_{1,6} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, e_{2,3}}$$

$$2465. \ e_{1,2} \lor t_{\neg e_{1,2}, \, e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \, e_{2,3}} \lor e_{1,6} \vdash t_{\neg e_{1,2}, \, e_{1,3}} \lor t_{e_{1,2}, \, e_{2,3}} \lor e_{1,6}$$

$$2466. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_$$

$$2467. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash \neg e_{1,3} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}}$$

$$2468. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{1,3} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{1,3}$$

$$2469. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2$$

$$2470. \ e_{1,2} \vee t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \vee t_{e_{1,2},\, \neg e_{2,3}} \vee \neg e_{2,6} \vdash t_{\neg e_{1,2},\, e_{1,3}} \vee t_{e_{1,2},\, \neg e_{2,3}} \vee \neg e_{2,6}$$

$$2471. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,5} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,5}$$

2472.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,5} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,5}$$

$$2473. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,6} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,6}$$

$$2474. \ e_{1,2} \lor t_{\neg e_{1,2}, \, e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \, e_{1,3}} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{2,3}}$$

$$2475. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$2476. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{1,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg e_{2,6}$$

$$2477. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{1,3}} \lor \neg e_{2,5} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg e_{2,5}$$

2478.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \lor e_{2,5} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,5}$$

$$2479. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{1,3}} \lor e_{2,6} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,6}$$

$$2480. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,6},\, \neg e_{2,6}} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,6},\, \neg e_{2,6}}$$

$$2481. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$2482. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor t_{\neg e_{1,2},\, e_{1,3}} \vdash \neg e_{2,3} \lor t_{\neg e_{1,2},\, e_{1,3}}$$

2483.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,3} \vdash e_{2,3} \lor t_{\neg e_{1,2}, e_{1,3}}$$

$$2484. \ e_{1,2} \vee t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \vee t_{\neg e_{1,2},\, e_{1,3}} \vee t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{e_{1,2},\, \neg e_{2,3}} \vee t_{\neg e_{1,2},\, e_{1,3}}$$

$$2485. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{1,3}}$$

$$2486. \ e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

$$2487. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash \neg e_{2,3} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}}$$

$$2488. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}}$$

$$2489. \ e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$2490. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor \neg e_{1,5} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor \neg e_{1,5}$$

$$2491. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor e_{1,5} \lor t_{\neg e_{1,3},\, e_{2,3}} \vdash e_{1,5} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,3},\, e_{2,3}}$$

$$2492. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor \neg e_{1,6} \lor t_{\neg e_{1,3},\, e_{2,3}} \vdash \neg e_{1,6} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,3},\, e_{2,3}}$$

$$2493. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor e_{1,6} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor e_{1,6}$$

$$2494. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},$$

$$2495. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}}$$

$$2496. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{2,6} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{2,6}$$

$$2497. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{2,5} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{2,5}$$

$$2498. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,5} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,5}$$

$$2499. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,6} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,6}$$

$$2500. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}$$

$$2501. \ \ e_{1,2} \lor t_{\lnot e_{1,2}, \, e_{1,3}}, \lnot e_{1,2} \lor \lnot t_{\lnot e_{1,2}, \, e_{2,3}} \lor t_{e_{1,2}, \, \lnot e_{1,3}} \vdash t_{\lnot e_{1,2}, \, e_{1,3}} \lor \lnot t_{\lnot e_{1,2}, \, e_{2,3}} \lor t_{e_{1,2}, \, \lnot e_{1,3}}$$

$$2502. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor e_{2,3} \vdash \neg e_{1,3} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,3}$$

2503.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{1,2} \lor e_{1,3} \lor e_{2,3} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,3} \lor e_{2,3}$$

$$2504. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{2,3}} \lor e_{2,3} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, e_{2,3}} \lor e_{2,3}$$

2505.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}}$$

$$2506. \ \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\,$$

$$2507. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor e_{2,3} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor e_{2,3}$$

2508.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}} \lor \neg e_{2,6} \vdash \neg e_{2,6} \lor t_{\neg e_{1,2}, e_{1,3}}$$

2509.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}} \lor \neg e_{2,5} \vdash \neg e_{2,5} \lor t_{\neg e_{1,2}, e_{1,3}}$$

2510.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,5} \vdash e_{2,5} \lor t_{\neg e_{1,2}, e_{1,3}}$$

2511.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,6} \vdash e_{2,6} \lor t_{\neg e_{1,2}, e_{1,3}}$$

$$2512. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,6},\, \neg e_{2,6}} \vdash t_{e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, e_{1,3}}$$

2513.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2514. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,2},\, e_{1,3}}$$

$$2515. \ e_{1,2} \lor t_{\neg e_{1,2}, \, e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,5}, \, \neg e_{2,5}} \lor e_{2,3} \vdash t_{e_{1,5}, \, \neg e_{2,5}} \lor t_{\neg e_{1,2}, \, e_{1,3}} \lor e_{2,3}$$

$$2516. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,5},\, \neg e_{2,5}} \lor \neg e_{2,3} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor \neg e_{2,3} \lor t_{\neg e_{1,2},\, e_{1,3}}$$

$$2517. \ e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$2518. \ e_{1,2} \vee t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \vee t_{e_{1,5},\, \neg e_{2,5}} \vee t_{e_{1,2},\, e_{1,3}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \vee t_{e_{1,2},\, e_{1,3}} \vee t_{\neg e_{1,2},\, e_{1,3}}$$

$$2519. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg$$

$$2520. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, e_{1,3}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, e_{1,3}}$$

$$2521. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,3} \lor \neg e_{1,2} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \vdash \neg e_{1,3} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}}$$

$$2522. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,3} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,3}$$

$$2523. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{2,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, e_{2,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}}$$

$$2524. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{e_$$

2525.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{1,2} \lor e_{1,5} \lor e_{2,3} \vdash e_{1,5} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,3}$$

2526.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{1,2} \lor e_{1,5} \lor \neg e_{2,3} \vdash e_{1,5} \lor \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{1,3}}$$

2527.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{1,2} \lor e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash e_{1,5} \lor t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$2528. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor e_{1,5} \lor t_{e_{1,2},\, e_{1,3}} \vdash e_{1,5} \lor t_{e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{1,3}}$$

$$2529. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor e_{1,5} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \vdash e_{1,5} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}$$

2530.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{1,2} \lor e_{1,5} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash e_{1,5} \lor t_{\neg e_{1,2}, e_{1,3}}$$

$$2531. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor \neg e_{1,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg e_{1,5} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

2532.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{1,2} \lor e_{1,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash e_{1,5} \lor t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$2533. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor \neg e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg e_{1,6} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

2534.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{1,2} \lor e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$2535. \ e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2$$

$$2536. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,3} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,3}$$

$$2537. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$2538. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor \neg e_{1,5} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg e_{1,5} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$2539. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor e_{1,5} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash e_{1,5} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$2540. \ e_{1,2} \lor t_{\neg e_{1,2}, \, e_{1,3}}, \neg e_{1,2} \lor \neg e_{1,6} \lor t_{e_{1,2}, \, \neg e_{1,3}} \vdash \neg e_{1,6} \lor t_{\neg e_{1,2}, \, e_{1,3}} \lor t_{e_{1,2}, \, \neg e_{1,3}}$$

$$2541. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor e_{1,6} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor e_{1,6} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$2542. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$2543. \ e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

2544.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{1,2} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2545. \ e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{1,2} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2546. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{1,3} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{1,3}$$

$$2547. \ e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,3} \lor t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$2548. \ e_{1,2} \vee t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \vee t_{e_{1,2},\, e_{2,3}} \vee t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \vee t_{e_{1,2},\, e_{2,3}} \vee t_{\neg e_{1,2},\, \neg e_{2,3}} \vee t_{\neg e_{1,2},\, e_{2,3}} \vee t_{\neg e_{1,2},$$

$$2549. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}}$$

$$2550. \ \ e_{1,2} \lor t_{\neg e_{1,2}, \, e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash t_{\neg e_{1,2}, \, e_{1,3}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}}$$

$$2551. \ \ e_{1,2} \lor t_{\neg e_{1,2}, \, e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor t_{e_{1,2}, \, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, \, e_{1,3}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor t_{e_{1,2}, \, \neg e_{1,3}}$$

$$2552. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{1,3}} \lor e_{2,3} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,3}$$

$$2553. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{1,3}} \lor \neg e_{2,3} \vdash t_{e_{1,2},\, e_{1,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,2},\, e_{1,3}}$$

$$2554. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}}$$

$$2555. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}}$$

$$2556. \ e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, e_{1,3}}$$

$$2557. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,3} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,3}$$

$$2558. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \vdash \neg e_{2,3} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}}$$

$$2559. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{e_{1,2},\, \neg e_{2,3}}$$

$$2560. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}}$$

$$2561. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t$$

2562.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \vdash \neg t_{\neg e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,2}, e_{1,3}}$$

$$2563. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor \neg e_{2,6} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg e_{2,6} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$2564. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor \neg e_{2,5} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg e_{2,5} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$2565. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor e_{2,5} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,5} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$2566. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor e_{2,6} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,6} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$2567. \ e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2568. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$2569. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,2$$

$$2570. \ e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2571. \ e_{1,2} \lor t_{\neg e_{1,2}, \, e_{1,3}}, \neg e_{1,2} \lor e_{1,5} \lor t_{e_{1,2}, \, \neg e_{1,3}} \vdash e_{1,5} \lor t_{\neg e_{1,2}, \, e_{1,3}} \lor t_{e_{1,2}, \, \neg e_{1,3}}$$

$$2572. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$2573. \ e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

2574.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,3} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,3}$$

$$2575. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor t_{\neg e_{1,6},\, e_{2,6}} \vdash \neg e_{1,3} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,2},\, e_{1,3}}$$

$$2576. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, e_{2,3}}$$

$$2577. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,3},\, e_{2,3}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,4},\, e_{2,4}} \lor t_{\neg e_{1,4},$$

$$2578. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$2579. \ e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2580. \ \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \lor e_{1,3} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \lor e_{1,3}$$

$$2581. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \vdash \neg e_{1,3} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,6},\, \neg e_{2,6}}$$

$$2582. \ e_{1,2} \lor t_{\lnot e_{1,2},\, e_{1,3}}, \lnot e_{1,2} \lor \lnot e_{2,3} \lor e_{1,6} \vdash \lnot e_{2,3} \lor t_{\lnot e_{1,2},\, e_{1,3}} \lor e_{1,6}$$

2583.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{1,2} \lor e_{1,6} \lor e_{2,3} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,6} \lor e_{2,3}$$

$$2584. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \lor t_{e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \lor t_{e_{1,2},\, e_{2,3}}$$

$$2585. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,6} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,6}$$

2586.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \lor e_{1,6} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,6}$$

$$2587. \ \ e_{1,2} \lor t_{\neg e_{1,2}, \, e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor \neg t_{e_{1,6}, \, \neg e_{2,6}} \vdash t_{\neg e_{1,2}, \, e_{1,3}} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor \neg t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \,$$

$$2588. \ \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,6} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,6}$$

2589.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,6} \vdash e_{1,6} \lor t_{\neg e_{1,2}, e_{1,3}}$$

$$2590. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$2591. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$2592. \ e_{1,2} \lor t_{\lnot e_{1,2},\, e_{1,3}}, \lnot e_{1,2} \lor e_{1,6} \lor t_{e_{1,2},\, \lnot e_{1,3}} \vdash t_{\lnot e_{1,2},\, e_{1,3}} \lor e_{1,6} \lor t_{e_{1,2},\, \lnot e_{1,3}}$$

$$2593. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}$$

2594.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{1,3} \lor t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$2595. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_$$

$$2596. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},$$

$$2597. \ e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2598. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash \neg e_{2,3} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$2599. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,3} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$2600. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg$$

$$2601. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$2602. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t$$

$$2603. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$2604. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

2605.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{1,2} \lor e_{1,3} \lor e_{2,6} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,3} \lor e_{2,6}$$

2606.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor e_{2,6} \vdash \neg e_{1,3} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,6}$$

2607.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}} \lor e_{2,6} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{2,6}$$

2608.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{2,6} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{2,6}$$

$$2609. \ \ e_{1,2} \lor t_{\lnot e_{1,2},\, e_{1,3}}, \lnot e_{1,2} \lor t_{\lnot e_{1,2},\, e_{2,3}} \lor e_{2,6} \vdash t_{\lnot e_{1,2},\, e_{1,3}} \lor t_{\lnot e_{1,2},\, e_{2,3}} \lor e_{2,6}$$

$$2610. \ \ e_{1,2} \lor t_{\lnot e_{1,2}, \ e_{1,3}}, \lnot e_{1,2} \lor e_{2,6} \lor t_{e_{1,2}, \lnot e_{1,3}} \vdash t_{\lnot e_{1,2}, e_{1,3}} \lor e_{2,6} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

2611.
$$e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

$$2612. \ \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash \neg e_{1,3} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}}$$

$$2613. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{2,2},\, \neg e_{2,2}} \lor t_{e_{2,2},\, \neg e_$$

$$2614. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}}$$

$$2615. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},$$

$$2616. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$2617. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{2,3}} \lor e_{1,3} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, e_{2,3}} \lor e_{1,3}$$

$$2618. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor t_{e_{1,2},\, e_{2,3}} \vdash \neg e_{1,3} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, e_{2,3}}$$

$$2619. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,2},\, e_$$

$$2620. \ e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_$$

$$2621. \ e_{1,2} \lor t_{\neg e_{1,2}, \, e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \, e_{2,3}} \lor t_{e_{1,2}, \, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, \, e_{1,3}} \lor t_{e_{1,2}, \, e_{2,3}} \lor t_{e_{1,2}, \, \neg e_{1,3}}$$

$$2622. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor \lnot e_{2,5} \lor \lnot t_{\lnot e_{2,5}, e_{2,6}} \vdash \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor \lnot t_{\lnot e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$2623. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, t_{\lnot e_{1,6}, e_{2,6}} \lor \lnot e_{2,5} \lor \lnot t_{\lnot e_{2,5}, e_{2,6}} \vdash t_{\lnot e_{1,6}, e_{2,6}} \lor \lnot t_{\lnot e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$2624. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{2,5} \lor t_{e_{1,6}, e_{2,6}} \lor \lnot t_{\lnot e_{2,5}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor \lnot t_{\lnot e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$2625. \ \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, t_{\lnot e_{1,5}, \lnot e_{2,5}} \lor \lnot e_{2,5} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{2,5}} \vdash t_{\lnot e_{1,5}, \lnot e_{2,5}} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{2,5}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

2626.
$$e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}}, e_{1,5} \lor \neg e_{5,6} \lor \neg e_{2,5} \vdash e_{1,5} \lor \neg e_{5,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2627. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{2,5} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{2,5}} \lor t_{e_{1,2}, \lnot e_{1,3}} \vdash \lnot t_{\lnot e_{1,5}, \lnot e_{2,5}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$2628. \ e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,5}, \neg e_{2,5}} \lor \neg e_{2,5} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2629. \ \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, t_{\lnot e_{1,2}, e_{1,3}} \lor \lnot e_{2,5} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{2,5}} \vdash t_{\lnot e_{1,2}, e_{1,3}} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{2,5}} \lor t_{e_{1,2}, \lnot e_{1,3}}, t_{\lnot e_{1,2}, \lnot e_{1,3}} \lor t_{\lnot e_{1,2}, \lnot e_{1$$

$$2630. \ e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}}, \neg e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash \neg t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,5}, e_{2,5}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2631. \ e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}}, \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2632. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{2,5} \lor \lnot t_{\lnot e_{2,5}, e_{2,6}} \vdash t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$2633. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{2,5} \lor \lnot t_{\lnot e_{2,5}, e_{2,6}} \vdash t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$2634. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, t_{e_{1,2}, e_{1,3}} \lor \lnot e_{2,5} \lor \lnot t_{e_{1,5}, \lnot e_{2,5}} \vdash t_{e_{1,2}, e_{1,3}} \lor \lnot t_{e_{1,5}, \lnot e_{2,5}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$2635. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot t_{\lnot e_{1,5}, \lnot e_{2,5}} \lor \lnot e_{2,5} \lor \lnot t_{e_{1,5}, \lnot e_{2,5}} \vdash \lnot t_{e_{1,5}, \lnot e_{2,5}} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{2,5}} \lor t_{e_{1,2}, \lnot e_{1,3}} \lor t_{$$

$$2636. \ \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, t_{\lnot e_{1,2}, \lnot e_{1,3}} \lor \lnot e_{2,5} \lor \lnot t_{e_{1,5}, \lnot e_{2,5}} \vdash t_{\lnot e_{1,2}, \lnot e_{1,3}} \lor \lnot t_{e_{1,5}, \lnot e_{2,5}} \lor t_{e_{1,2}, \lnot e_{1,3}} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}} \lor t_{e_{$$

2637.
$$e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,5} \lor \neg e_{2,5} \lor \neg e_{4,5} \vdash \neg e_{1,5} \lor \neg e_{4,5} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2638. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{2,5} \lor \lnot t_{e_{1,5}, \lnot e_{2,5}} \lor t_{e_{1,2}, \lnot e_{1,3}} \vdash \lnot t_{e_{1,5}, \lnot e_{2,5}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$2639. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{2,5} \vdash \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

2640.
$$e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}}, e_{5,6} \lor \neg e_{1,5} \lor \neg e_{2,5} \vdash e_{5,6} \lor \neg e_{1,5} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2641. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, t_{\lnot e_{1,2}, e_{1,3}} \lor \lnot e_{2,5} \lor \lnot t_{e_{1,5}, \lnot e_{2,5}} \vdash t_{\lnot e_{1,2}, e_{1,3}} \lor \lnot t_{e_{1,5}, \lnot e_{2,5}} \lor t_{e_{1,2}, \lnot e_{1,3}}, t_{\lnot e_{1,2}, \lnot e_{1,3}} \lor t_{\lnot e_{1,2}, \lnot e_{1,3}} \lor$$

2642.
$$e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}}, e_{1,5} \lor \neg e_{2,5} \lor \neg e_{4,5} \vdash e_{1,5} \lor \neg e_{4,5} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2643. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{2,5} \vdash \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$2644. \ e_{2,5} \lor t_{e_{1,2}, \, \lnot e_{1,3}}, \, \lnot e_{2,5} \lor e_{2,3} \lor e_{1,2} \vdash e_{2,3} \lor e_{1,2} \lor t_{e_{1,2}, \, \lnot e_{1,3}}$$

$$2645. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor \lnot e_{2,5} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor t_{e_{1,2}, \lnot e_{1,3}}, t_{e_{1,2}, \lnot e_{1,3}} \lor t_{e_{1,2}, \lnot e_{1,3}}, t_{e_{1,2$$

$$2646. \ e_{2,5} \lor t_{e_{1,2}, \, \neg e_{1,3}}, \neg e_{2,5} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}} \vdash t_{\neg e_{1,2}, \, e_{2,3}} \lor \neg t_{\neg e_{2,5}, \, e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{1,3}}$$

2647.
$$e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}}, \neg e_{5,6} \lor \neg e_{1,5} \lor \neg e_{2,5} \vdash \neg e_{5,6} \lor \neg e_{1,5} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2648. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, t_{e_{1,2}, e_{1,3}} \lor \lnot e_{2,5} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{2,5}} \vdash t_{e_{1,2}, e_{1,3}} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{2,5}} \lor t_{e_{1,2}, \lnot e_{1,3}}, t_{e_{1,2}, \lnot e_{1,3}} \lor t_{e_{1,2},$$

$$2649. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, t_{\lnot e_{1,2}, \lnot e_{1,3}} \lor \lnot e_{2,5} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{2,5}} \vdash t_{\lnot e_{1,2}, \lnot e_{1,3}} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{2,5}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

2650.
$$e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}}, e_{1,5} \lor e_{4,5} \lor \neg e_{2,5} \vdash e_{1,5} \lor e_{4,5} \lor t_{e_{1,2}, \neg e_{1,3}}$$

2651.
$$e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor \neg e_{2,5} \lor e_{2,3} \vdash \neg e_{1,2} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2652. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, t_{e_{1,2}, e_{2,3}} \lor \lnot e_{2,5} \lor \lnot t_{\lnot e_{2,5}, e_{2,6}} \vdash t_{e_{1,2}, e_{2,3}} \lor \lnot t_{\lnot e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$2653. \ e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}}, \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2654. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor e_{1,6} \lor \lnot e_{2,5} \vdash \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor e_{1,6} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$2655. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor \lnot e_{2,5} \lor t_{\lnot e_{1,2}, e_{2,3}} \vdash \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor t_{\lnot e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$2656. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{1,2} \lor \lnot e_{2,3} \lor \lnot e_{2,5} \vdash \lnot e_{1,2} \lor \lnot e_{2,3} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

2657.
$$e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}}, e_{5,6} \lor e_{1,5} \lor \neg e_{2,5} \vdash e_{5,6} \lor e_{1,5} \lor t_{e_{1,2}, \neg e_{1,3}}$$

2658.
$$e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,5} \lor e_{4,5} \lor \neg e_{2,5} \vdash e_{4,5} \lor \neg e_{1,5} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2659. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, t_{e_{1,5}, e_{2,5}} \lor \lnot e_{2,5} \lor \lnot t_{e_{1,5}, \lnot e_{2,5}} \vdash t_{e_{1,5}, e_{2,5}} \lor \lnot t_{e_{1,5}, \lnot e_{2,5}} \lor t_{e_{1,2}, \lnot e_{1,3}}, t_{e_{1,2}, \lnot e_{1,3}} \lor t_{e_{1,2}, \lnot e_{1,3}}, t_{e_{1,2}, \lnot e_{1,3}} \lor t_{e_{1,2}, \lnot e_{1,3}}, t_{e_{1,2}, \lnot e_{1,3}} \lor t_{e_{1,2}, \lnot e_{1,3}}, t_{e_{1,2}, \lnot e_{1,2}}, t_{e_{1,2}, \lnot e_{1,3}}, t_{e_{1,2}, \lnot e_{1,2}}, t_{e_{1,2}, \lnot e_{1,3}}, t_{e_{1,2}, \lnot e_{1,3}}, t_{e_{1,2}, \lnot e_{1,2}}, t_{e_{1,2}, \lnot e$$

$$2660. \ \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}} \lor \lnot e_{2,5} \vdash \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

2661.
$$e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}}, \neg e_{2,3} \lor \neg e_{2,5} \lor e_{1,2} \vdash \neg e_{2,3} \lor e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}}$$

2662.
$$e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,5} \lor e_{2,3} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2663. \ e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg e_{2,5} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2664. \ e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}}, \neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{4,5} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{4,5} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2665. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, e_{5,6} \lor \lnot e_{2,5} \lor t_{\lnot e_{1,2}, e_{2,3}} \vdash e_{5,6} \lor t_{\lnot e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$2666. \ \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{5,6} \lor \lnot e_{2,5} \lor t_{\lnot e_{1,2}, e_{2,3}} \vdash \lnot e_{5,6} \lor t_{\lnot e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

2667.
$$e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}}, e_{4,5} \lor \neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash e_{4,5} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2668. \ \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{2,5} \lor \lnot e_{4,5} \vdash t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{4,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, t_{\lnot e_{1,2}, \lnot e_{1,3}} \lor \lnot e_{4,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, t_{\lnot e_{1,2}, \lnot e_{1,3}}, t_{$$

$$2669. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, e_{5,6} \lor t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{2,5} \vdash e_{5,6} \lor t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$2670. \ \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{5,6} \lor t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{2,5} \vdash \lnot e_{5,6} \lor t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

2671.
$$e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}}, e_{4,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \vdash e_{4,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

2672.
$$e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \vdash \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2673. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{2,5} \lor e_{1,2} \vdash t_{e_{1,2}, \lnot e_{2,3}} \lor e_{1,2} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$2674. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, t_{e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{2,5} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}} \lor t_{e_{1,2}, \lnot e$$

$$2675. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \lor \lnot e_{2,5} \vdash \lnot e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$2676. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, t_{e_{1,2}, e_{1,3}} \lor \lnot e_{2,5} \lor e_{1,2} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{1,2} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$2677. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,3}, \lnot e_{2,3}} \lor \lnot e_{2,5} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$2678. \ \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{2,5} \lor e_{2,3} \lor \lnot t_{\lnot e_{2,5}, e_{2,6}} \vdash e_{2,3} \lor \lnot t_{\lnot e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$2679. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor \lnot e_{2,5} \lor e_{2,3} \vdash \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor e_{2,3} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$2680. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{1,2} \lor \lnot t_{\lnot e_{1,2}, e_{2,3}} \lor \lnot e_{2,5} \vdash \lnot e_{1,2} \lor \lnot t_{\lnot e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$2681. \ e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}}, \neg t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{2,5} \lor e_{1,2} \vdash \neg t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2682. \ e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{2,5} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2},$$

2683.
$$e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}}, \neg e_{2,5} \lor \neg e_{4,5} \lor e_{2,3} \vdash \neg e_{4,5} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

2684.
$$e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}}, e_{5,6} \lor \neg e_{2,5} \lor e_{2,3} \vdash e_{5,6} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

2685.
$$e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}}, \neg e_{5,6} \lor \neg e_{2,5} \lor e_{2,3} \vdash \neg e_{5,6} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2686. \ \ e_{2,5} \lor t_{e_{1,2}, \, \lnot e_{1,3}}, e_{4,5} \lor \lnot e_{2,5} \lor e_{2,3} \vdash e_{4,5} \lor e_{2,3} \lor t_{e_{1,2}, \, \lnot e_{1,3}}$$

$$2687. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{1,2} \lor t_{\lnot e_{1,2}, e_{1,3}} \lor \lnot e_{2,5} \vdash \lnot e_{1,2} \lor t_{\lnot e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \lnot e_$$

2688.
$$e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}}, t_{\neg e_{1,2}, e_{1,3}} \lor \neg e_{2,5} \lor e_{1,2} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2689. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, t_{e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e_{1,3}} \lor \lnot e_{2,5} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \lnot e$$

$$2690. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{2,5} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{2,5}} \lor e_{1,2} \vdash \lnot t_{\lnot e_{1,5}, \lnot e_{2,5}} \lor e_{1,2} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$2691. \ e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}}, \neg e_{2,5} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,2} \vdash \neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}}$$

2692.
$$e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg e_{2,5} \lor e_{2,3} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2693. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{2,3} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}} \lor \lnot e_{2,5} \vdash \lnot e_{2,3} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$2694. \ e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{2,2}, \neg e_{2,2}} \lor t_{e_{2,2}, \neg e_{2,2}} \lor t_{e_{2,2}, \neg e_{2,2}} \lor t_{e_{2,2}, \neg e_{2,2}} \lor t_{e_{2,2},$$

$$2695. \ \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, t_{e_{1,2}, e_{1,3}} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}} \lor \lnot t_{e_{1,2}, e_{1,3}} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}} \lor t_{e_{1,2}, \lnot e_{1,$$

$$2696. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot t_{e_{1,2}, \lnot e_{1,3}} \lor \lnot t_{\lnot e_{1,2}, e_{2,3}} \lor \lnot e_{2,5} \vdash \lnot t_{e_{1,2}, \lnot e_{1,3}} \lor \lnot t_{\lnot e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}} \lor \lnot t_{\lnot e_{1,2}, \lnot e_{1,3}} \lor t_{\lnot e_{1,2}, \lnot e_{1,3}} \lor t_{\lnot e_{1,2}, \lnot e_{1,3}} \lor \lnot t_{\lnot e_{1,2}, \lnot e_{1,3}} \lor \lnot t_{\lnot e_{1,2}, \lnot e_{1,3}} \lor t_$$

$$2697. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, t_{\lnot e_{1,2}, e_{1,3}} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}} \lor \lnot e_{2,5} \vdash t_{\lnot e_{1,2}, e_{1,3}} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}} \lor t_{e_{1,2}, \lnot e_{1,2}} \lor t_{e_{1,2}, \lnot e_{1,3}} \lor t_{e_{1,2},$$

$$2698. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{2,5} \lor \lnot t_{e_{1,5}, \lnot e_{2,5}} \lor \lnot e_{4,5} \vdash \lnot t_{e_{1,5}, \lnot e_{2,5}} \lor \lnot e_{4,5} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

2699.
$$e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}}, e_{5,6} \lor \neg e_{2,5} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \vdash e_{5,6} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2700. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{5,6} \lor \lnot e_{2,5} \lor \lnot t_{e_{1,5}, \lnot e_{2,5}} \vdash \lnot e_{5,6} \lor \lnot t_{e_{1,5}, \lnot e_{2,5}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$2701. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, e_{4,5} \lor \lnot e_{2,5} \lor \lnot t_{e_{1,5}, \lnot e_{2,5}} \vdash e_{4,5} \lor \lnot t_{e_{1,5}, \lnot e_{2,5}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

2702.
$$e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}}, \neg e_{1,2} \lor \neg e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}}$$

2703.
$$e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}}, \neg e_{2,5} \lor e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2704. \ e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2705. \ \ e_{2,5} \lor t_{e_{1,2}, \, \lnot e_{1,3}}, \, \lnot t_{e_{1,2}, \, \lnot e_{1,3}} \lor \lnot e_{2,5} \lor t_{e_{1,2}, \, \lnot e_{1,3}} \vdash \lnot t_{e_{1,2}, \, \lnot e_{1,3}} \lor t_{e_{1,2}, \, \lnot e_{1,3}}$$

$$2706. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor e_{1,6} \lor \lnot e_{2,5} \vdash \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor e_{1,6} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$2707. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{2,5} \lor \lnot t_{\lnot e_{2,5}, e_{2,6}} \lor e_{2,6} \vdash \lnot t_{\lnot e_{2,5}, e_{2,6}} \lor e_{2,6} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$2708. \ e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}}, t_{\neg e_{1,3}, e_{2,3}} \lor \neg e_{2,5} \lor e_{2,3} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2709. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{2,3} \lor t_{\lnot e_{1,3}, e_{2,3}} \lor \lnot e_{2,5} \vdash \lnot e_{2,3} \lor t_{\lnot e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$2710. \ \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, t_{\lnot e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{2,5} \vdash t_{\lnot e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$2711. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, t_{e_{1,2}, e_{1,3}} \lor t_{\lnot e_{1,3}, e_{2,3}} \lor \lnot e_{2,5} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\lnot e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$2712. \ e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}}, t_{\neg e_{1,3}, e_{2,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{2,5} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2},$$

$$2713. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, t_{\lnot e_{1,2}, e_{1,3}} \lor t_{\lnot e_{1,3}, e_{2,3}} \lor \lnot e_{2,5} \vdash t_{\lnot e_{1,2}, e_{1,3}} \lor t_{\lnot e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$2714. \ e_{2,5} \lor t_{e_{1,2},\, \neg e_{1,3}}, t_{\neg e_{1,3},\, e_{2,3}} \lor \neg e_{2,5} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

2715.
$$e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}}, \neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,3} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2716. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{2,3} \lor \lnot e_{2,5} \lor t_{\lnot e_{1,2}, e_{2,3}} \vdash \lnot e_{2,3} \lor t_{\lnot e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$2717. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{2,5} \lor t_{\lnot e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$2718. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, t_{e_{1,2}, e_{1,3}} \lor \lnot e_{2,5} \lor t_{\lnot e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\lnot e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$2719. \ e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}}, \neg t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2720. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, t_{\lnot e_{1,2}, e_{1,3}} \lor \lnot e_{2,5} \lor t_{\lnot e_{1,2}, e_{2,3}} \vdash t_{\lnot e_{1,2}, e_{1,3}} \lor t_{\lnot e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$2721. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{2,5} \lor t_{\lnot e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}} \vdash t_{\lnot e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$2722. \ e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}}, e_{1,2} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash e_{1,2} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2723. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor \lnot e_{2,5} \lor e_{1,2} \vdash \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor e_{1,2} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$2724. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{2,5} \lor e_{2,3} \vdash \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$2725. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{2,3} \lor \lnot e_{2,5} \vdash \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{2,3} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$2726. \ e_{2,5} \lor t_{e_{1,2},\, \neg e_{1,3}}, t_{e_{1,3},\, \neg e_{2,3}} \lor \neg e_{2,5} \lor e_{1,2} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,2} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$2727. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, t_{e_{1,2}, e_{1,3}} \lor \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{2,5} \vdash t_{e_{1,2}, e_{1,3}} \lor \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$2728. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,2}, e_{2,3}} \lor \lnot e_{2,5} \vdash \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}} \lor t_{e_{1$$

$$2729. \ e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{1,3}} \lor \neg e_{2,5} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2},$$

$$2730. \ e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg e_{2,5} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2731. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}} \vdash \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$2732. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, t_{\lnot e_{1,3}, e_{2,3}} \lor \lnot e_{2,5} \lor e_{1,2} \vdash t_{\lnot e_{1,3}, e_{2,3}} \lor e_{1,2} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$2733. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, \lnot e_{2,5} \lor t_{\lnot e_{1,2}, e_{2,3}} \lor e_{1,2} \vdash t_{\lnot e_{1,2}, e_{2,3}} \lor e_{1,2} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

2734.
$$e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}}, t_{\neg e_{1,2}, e_{1,3}} \lor \neg e_{2,5} \lor e_{2,3} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2735. \ e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{1,3}} \lor \neg e_{2,5} \vdash \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2736. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, t_{\lnot e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{2,5} \vdash t_{\lnot e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$2737. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, t_{e_{1,2}, e_{1,3}} \lor t_{\lnot e_{1,2}, e_{1,3}} \lor \lnot e_{2,5} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\lnot e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \lnot e_{1,$$

$$2738. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, t_{\lnot e_{1,2}, e_{1,3}} \lor \lnot t_{\lnot e_{1,2}, e_{2,3}} \lor \lnot e_{2,5} \vdash t_{\lnot e_{1,2}, e_{1,3}} \lor \lnot t_{\lnot e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}} \lor \lnot t_{\lnot e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}} \lor \lnot t_{\lnot e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}} \lor \lnot t_{\lnot e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}} \lor \lnot t_{\lnot e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}} \lor t_{$$

$$2739. \ e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}}, t_{\lnot e_{1,2}, e_{1,3}} \lor \lnot e_{2,5} \lor t_{e_{1,2}, \lnot e_{1,3}} \vdash t_{\lnot e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$2740. \ \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,5} \lor t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{2,5}} \vdash t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{2,5}} \lor t_{\lnot e_{1,5}, \lnot$$

$$2741. \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,3} \lor \lnot e_{1,5} \lor e_{1,2} \vdash \lnot e_{1,3} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor e_{1,2}$$

$$2742. \ e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{\neg e_{1,5}, e_{2,5}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2$$

2743.
$$e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{4,5} \lor \neg e_{1,5} \lor e_{2,5} \vdash e_{4,5} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,5}$$

$$2744. \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,5} \lor \lnot t_{\lnot e_{1,5}, e_{1,6}} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{1,6}} \vdash \lnot t_{\lnot e_{1,5}, e_{1,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{1,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{1,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{1,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{1,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{1,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{1,6}} \lor t_{e_{1,5}, \lnot e_{1,6}} \lor t_{e_{1,$$

$$2745. \ e_{1,5} \lor t_{e_{1,2}, \, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg e_{1,5} \vdash \neg e_{1,2} \lor \neg e_{1,3} \lor t_{e_{1,2}, \, \neg e_{2,3}}$$

$$2746. \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,5} \lor \lnot t_{\lnot e_{1,5}, e_{1,6}} \lor t_{\lnot e_{1,2}, \lnot e_{1,3}} \vdash \lnot t_{\lnot e_{1,5}, e_{1,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, \lnot e_{1,3}}$$

2747.
$$e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,5} \lor e_{1,3} \lor e_{1,2} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$2748. \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,5} \lor \lnot t_{\lnot e_{1,5}, e_{2,5}} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{2,5}} \vdash \lnot t_{\lnot e_{1,5}, e_{2,5}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{2,5}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{2,5}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{2,5}} \lor t_{e_{1,2}, \lnot e_{2,5$$

$$2749. \ e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$2750. \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, t_{\lnot e_{1,2}, e_{1,3}} \lor \lnot e_{1,5} \lor \lnot t_{\lnot e_{1,5}, e_{1,6}} \vdash t_{\lnot e_{1,2}, e_{1,3}} \lor \lnot t_{\lnot e_{1,5}, e_{1,6}} \lor t_{e_{1,2}, \lnot e_{2,3}}$$

$$2751. \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,5} \lor \lnot t_{\lnot e_{1,5}, e_{2,5}} \lor t_{e_{1,2}, \lnot e_{2,3}} \vdash t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,5}, e_{2,5}}$$

$$2752. \ e_{1,5} \lor t_{e_{1,2}, \, \neg e_{2,3}}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \, e_{2,5}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,5}, \, e_{2,5}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, \neg$$

2753.
$$e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,5} \lor \neg e_{2,5} \lor \neg e_{4,5} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \lor \neg e_{4,5}$$

$$2754. \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{2,5}} \vdash \lnot t_{\lnot e_{1,5}, \lnot e_{2,5}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1$$

$$2755. \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, e_{5,6} \lor \lnot e_{1,5} \lor \lnot e_{2,5} \vdash e_{5,6} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{2,5}$$

2756.
$$e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{5,6} \lor \neg e_{1,5} \lor e_{2,5} \vdash e_{5,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,5}$$

$$2757. \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,5} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{\lnot e_{1,5}, e_{1,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{\lnot e_{1,5}, e_{1,6}} \lor t_{e_{1,2}, \lnot e_{2,3}}$$

2758.
$$e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{5,6} \lor \neg e_{1,5} \lor e_{2,5} \vdash \neg e_{5,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,5}$$

2759.
$$e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,5} \lor e_{1,3} \vdash \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

$$2760. \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,5} \lor \lnot t_{\lnot e_{1,5}, e_{1,6}} \lor t_{e_{1,2}, \lnot e_{1,3}} \vdash \lnot t_{\lnot e_{1,5}, e_{1,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$2761. \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,5} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{1,6}} \lor e_{2,6} \vdash t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{1,6}} \lor e_{2,6}$$

2762.
$$e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{5,6} \lor \neg e_{1,5} \lor \neg e_{2,5} \vdash \neg e_{5,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5}$$

$$2763. \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,5} \lor t_{e_{1,2}, e_{2,3}} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{2,5}} \vdash t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,5}} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{2,5}} \lor t_{\lnot e_{1,5}, \lnot e_{2,5}} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{2,5}} \lor t_{\lnot$$

$$2764. \ \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,5} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{1,6}} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}} \vdash t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{1,6}} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}}$$

$$2765. \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, t_{\lnot e_{1,2}, e_{1,3}} \lor \lnot e_{1,5} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{1,6}} \vdash t_{\lnot e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{1,6}}$$

$$2766. \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,5} \lor t_{\lnot e_{1,2}, \lnot e_{1,3}} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{1,6}} \vdash t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, \lnot e_{1,3}} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{1,6}}$$

$$2767. \ \ e_{1,5} \lor t_{e_{1,2}, \, \neg e_{2,3}}, t_{e_{1,2}, \, e_{1,3}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \vdash t_{e_{1,2}, \, e_{1,3}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}}$$

$$2768. \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, t_{e_{1,5}, e_{2,5}} \lor \lnot e_{1,5} \lor \lnot t_{\lnot e_{1,5}, e_{2,5}} \vdash t_{e_{1,5}, e_{2,5}} \lor \lnot t_{\lnot e_{1,5}, e_{2,5}} \lor t_{e_{1,2}, \lnot e_{2,3}}$$

$$2769. \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,5} \lor \lnot t_{\lnot e_{1,5}, e_{2,5}} \lor t_{\lnot e_{1,5}, e_{2,5}} \vdash \lnot t_{\lnot e_{1,5}, e_{2,5}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,5}, e_{2,5}} \lor t_{\lnot e_{1,5$$

2770.
$$e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,5} \lor e_{2,5} \lor \neg e_{4,5} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,5} \lor \neg e_{4,5}$$

2771.
$$e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,5} \lor e_{4,5} \lor \neg e_{2,5} \vdash e_{4,5} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5}$$

$$2772. \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,5} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{1,6}} \lor t_{e_{1,2}, \lnot e_{1,3}} \vdash t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{1,6}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$2773. \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, t_{e_{1,2}, e_{1,3}} \lor \lnot e_{1,5} \lor \lnot t_{\lnot e_{1,5}, e_{1,6}} \vdash t_{e_{1,2}, e_{1,3}} \lor \lnot t_{\lnot e_{1,5}, e_{1,6}} \lor t_{e_{1,2}, \lnot e_{2,3}}$$

$$2774. \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, t_{\lnot e_{1,6}, e_{2,6}} \lor \lnot e_{1,5} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{1,6}} \vdash t_{\lnot e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{1,6}}$$

$$2775. \ \ e_{1,5} \lor t_{e_{1,2}, \, \neg e_{2,3}}, \neg e_{1,5} \lor t_{e_{1,2}, \, e_{2,3}} \lor \neg t_{\neg e_{1,5}, \, e_{2,5}} \vdash t_{e_{1,2}, \, e_{2,3}} \lor \neg t_{\neg e_{1,5}, \, e_{2,5}} \lor t_{e_{1,2}, \, \neg e_{2,3}}$$

$$2776. \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,5} \lor \lnot t_{\lnot e_{1,5}, e_{1,6}} \lor t_{e_{1,6}, e_{2,6}} \vdash \lnot t_{\lnot e_{1,5}, e_{1,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,6}, e_{2,6}} \lor t_$$

$$2777. \ e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}}, t_{e_{1,5}, \neg e_{2,5}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, \neg e_{2,5}} \lor t_{e_{1,2},$$

$$2778. \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, t_{\lnot e_{1,5}, \lnot e_{2,5}} \lor \lnot e_{1,5} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{2,5}} \vdash t_{\lnot e_{1,5}, \lnot e_{2,5}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{2,5}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{2,5}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{2,5}} \lor t_{e_{1,2}, \lnot e_{2,5$$

$$2779. \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,3} \lor t_{e_{1,3}, \lnot e_{2,3}} \lor \lnot e_{1,5} \vdash \lnot e_{1,3} \lor t_{e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}}$$

$$2780. \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, t_{e_{1,3}, \lnot e_{2,3}} \lor \lnot e_{1,5} \lor e_{1,3} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor e_{1,3}$$

$$2781. \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,5} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor e_{1,2}$$

$$2782. \ e_{1,5} \lor t_{e_{1,2}, \, \lnot e_{2,3}}, \lnot e_{1,2} \lor \lnot e_{1,5} \lor t_{e_{1,2}, \, e_{2,3}} \vdash \lnot e_{1,2} \lor t_{e_{1,2}, \, e_{2,3}} \lor t_{e_{1,2}, \, \lnot e_{2,3}}$$

$$2783. \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, t_{e_{1,3}, \lnot e_{2,3}} \lor \lnot e_{1,5} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,$$

$$2784. \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,5} \lor t_{\lnot e_{1,2}, \lnot e_{1,3}} \lor \lnot e_{4,5} \vdash t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, \lnot e_{1,3}} \lor \lnot e_{4,5}$$

$$2785. \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, e_{5,6} \lor \lnot e_{1,5} \lor t_{\lnot e_{1,2}, \lnot e_{1,3}} \vdash e_{5,6} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, \lnot e_{1,3}}$$

$$2786. \ \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{5,6} \lor \lnot e_{1,5} \lor t_{\lnot e_{1,2}, \lnot e_{1,3}} \vdash \lnot e_{5,6} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, \lnot e_{1,3}}$$

$$2787. \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, e_{4,5} \lor \lnot e_{1,5} \lor t_{\lnot e_{1,2}, \lnot e_{1,3}} \vdash e_{4,5} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, \lnot e_{1,3}}$$

$$2788. \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, t_{\lnot e_{1,3}, e_{2,3}} \lor \lnot e_{1,5} \lor e_{1,2} \vdash t_{\lnot e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor e_{1,2}$$

$$2789. \ e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}} \lor \neg e_{1,5} \vdash \neg e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$2790. \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, t_{e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,3}, e_{2,3}} \lor \lnot e_{1,5} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \lnot e$$

$$2791. \ \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,5} \lor \lnot t_{\lnot e_{1,5}, e_{2,5}} \lor e_{2,3} \vdash \lnot t_{\lnot e_{1,5}, e_{2,5}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor e_{2,3}$$

$$2792. \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,5} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{2,5}} \lor e_{2,3} \vdash t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{2,5}} \lor e_{2,3}$$

$$2793. \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,3} \lor \lnot e_{1,5} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}} \vdash \lnot e_{1,3} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}} \lor t_{e_{1,2}, \lnot e_{2,3}}$$

$$2794. \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,5} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}} \lor e_{1,3} \vdash \lnot t_{e_{1,2}, \lnot e_{1,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor e_{1,3}$$

$$2795. \ \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,5} \lor \lnot t_{\lnot e_{1,5}, \, e_{1,6}} \lor e_{1,2} \vdash \lnot t_{\lnot e_{1,5}, \, e_{1,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor e_{1,2}$$

$$2796. \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,5} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{1,6}} \lor e_{1,2} \vdash t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{1,6}} \lor e_{1,2}$$

$$2797. \ e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,5} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$2798. \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, t_{\lnot e_{1,3}, e_{2,3}} \lor \lnot e_{1,5} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}} \vdash t_{\lnot e_{1,3}, e_{2,3}} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2$$

$$2799. \ e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}}, t_{e_{1,5}, \neg e_{2,5}} \lor \neg e_{1,5} \lor \neg e_{4,5} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{4,5}$$

$$2800. \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, e_{5,6} \lor t_{e_{1,5}, \lnot e_{2,5}} \lor \lnot e_{1,5} \vdash e_{5,6} \lor t_{e_{1,5}, \lnot e_{2,5}} \lor t_{e_{1,2}, \lnot e_{2,3}}$$

$$2801. \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, t_{e_{1,5}, \lnot e_{2,5}} \lor \lnot e_{5,6} \lor \lnot e_{1,5} \vdash t_{e_{1,5}, \lnot e_{2,5}} \lor \lnot e_{5,6} \lor t_{e_{1,2}, \lnot e_{2,3}}$$

$$2802. \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, t_{e_{1,5}, \lnot e_{2,5}} \lor e_{4,5} \lor \lnot e_{1,5} \vdash t_{e_{1,5}, \lnot e_{2,5}} \lor e_{4,5} \lor t_{e_{1,2}, \lnot e_{2,3}}$$

$$2803. \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,5} \lor t_{\lnot e_{1,2}, e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e_{2,3}} \lor e_{1,2}$$

$$2804. \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,2} \lor \lnot e_{1,5} \lor t_{\lnot e_{1,2}, e_{2,3}} \vdash \lnot e_{1,2} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e_{2,3}}$$

$$2805. \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, t_{e_{1,3}, \lnot e_{2,3}} \lor \lnot e_{1,5} \lor t_{\lnot e_{1,2}, e_{2,3}} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e$$

$$2806. \ \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,5} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}} \lor t_{\lnot e_{1,2}, e_{2,3}} \vdash \lnot t_{e_{1,2}, \lnot e_{1,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e_{2,3}} \lor t_{\lnot e_{1$$

$$2807. \ e_{1,5} \lor t_{e_{1,2},\, \neg e_{2,3}}, \neg e_{1,5} \lor e_{1,2} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$2808. \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,2} \lor \lnot e_{1,5} \lor t_{e_{1,2}, \lnot e_{1,3}} \vdash \lnot e_{1,2} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$2809. \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, t_{e_{1,3}, \lnot e_{2,3}} \lor \lnot e_{1,5} \lor t_{e_{1,2}, \lnot e_{1,3}} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}} \lor t_{e_{1,2}, \lnot e$$

$$2810. \ e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,5} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2},$$

$$2811. \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, t_{e_{1,2}, e_{1,3}} \lor \lnot e_{1,5} \lor \lnot e_{4,5} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{4,5}$$

2812.
$$e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{5,6} \lor t_{e_{1,2}, e_{1,3}} \lor \neg e_{1,5} \vdash e_{5,6} \lor t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

2813.
$$e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}}, t_{e_{1,2}, e_{1,3}} \lor \neg e_{5,6} \lor \neg e_{1,5} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg e_{5,6} \lor t_{e_{1,2}, \neg e_{2,3}}$$

2814.
$$e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}}, t_{e_{1,2}, e_{1,3}} \lor e_{4,5} \lor \neg e_{1,5} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{4,5} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$2815. \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,5} \lor \lnot t_{\lnot e_{1,5}, e_{2,5}} \lor \lnot e_{4,5} \vdash \lnot t_{\lnot e_{1,5}, e_{2,5}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{4,5}$$

$$2816. \ e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{5,6} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \vdash e_{5,6} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

2817.
$$e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{5,6} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$2818. \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, e_{4,5} \lor \lnot e_{1,5} \lor \lnot t_{\lnot e_{1,5}, e_{2,5}} \vdash e_{4,5} \lor \lnot t_{\lnot e_{1,5}, e_{2,5}} \lor t_{e_{1,2}, \lnot e_{2,3}}$$

$$2819. \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,5} \lor \lnot t_{\lnot e_{1,5}, e_{1,6}} \lor e_{1,6} \vdash \lnot t_{\lnot e_{1,5}, e_{1,6}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor e_{1,6}$$

2820.
$$e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$2821. \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,3} \lor t_{\lnot e_{1,3}, e_{2,3}} \lor \lnot e_{1,5} \vdash \lnot e_{1,3} \lor t_{\lnot e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \lnot e_$$

2822.
$$e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}}, t_{\neg e_{1,3}, e_{2,3}} \lor \neg e_{1,5} \lor e_{1,3} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

2823.
$$e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}}, t_{\neg e_{1,3}, e_{2,3}} \lor \neg e_{1,5} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$2824. \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, t_{\lnot e_{1,3}, e_{2,3}} \lor \lnot e_{1,5} \lor t_{\lnot e_{1,2}, e_{2,3}} \vdash t_{\lnot e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e$$

$$2825. \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, t_{\lnot e_{1,3}, e_{2,3}} \lor \lnot e_{1,5} \lor t_{e_{1,2}, \lnot e_{1,3}} \vdash t_{\lnot e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}} \lor t_{e_{1,2}, \lnot e$$

$$2826. \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,3} \lor \lnot e_{1,5} \lor t_{\lnot e_{1,2}, e_{2,3}} \vdash \lnot e_{1,3} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e_{2,3}}$$

$$2827. \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,5} \lor t_{\lnot e_{1,2}, e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e_{2,3}} \lor e_{1,3}$$

$$2828. \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,5} \lor t_{e_{1,2}, e_{2,3}} \lor t_{\lnot e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e_{2,$$

$$2829. \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, t_{\lnot e_{1,3}, e_{2,3}} \lor \lnot e_{1,5} \lor t_{\lnot e_{1,2}, e_{2,3}} \vdash t_{\lnot e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e$$

$$2830. \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,5} \lor t_{\lnot e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}} \vdash t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$2831. \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,3} \lor \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{1,5} \vdash \lnot e_{1,3} \lor \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2},$$

$$2832. \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,5} \lor \lnot t_{\lnot e_{1,5}, e_{2,5}} \lor e_{1,2} \vdash \lnot t_{\lnot e_{1,5}, e_{2,5}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor e_{1,2}$$

$$2833. \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,5} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{2,5}} \lor e_{1,2} \vdash t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{2,5}} \lor e_{1,2}$$

$$2834. \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{1,5} \lor e_{1,3} \vdash \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor e_{1,3}$$

$$2835. \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{1,5} \lor t_{e_{1,2}, e_{2,3}} \vdash \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \lnot e$$

$$2836. \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,3}, e_{2,3}} \lor \lnot e_{1,5} \vdash \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2},$$

$$2837. \ e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{1,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2$$

$$2838. \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{1,5} \lor t_{e_{1,2}, \lnot e_{1,3}} \vdash \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2},$$

$$2839. \ e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{1,3} \lor t_{\neg e_{1,2}, e_{1,3}} \lor \neg e_{1,5} \vdash \neg e_{1,3} \lor t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$2840. \ e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}}, t_{\neg e_{1,2}, e_{1,3}} \lor \neg e_{1,5} \lor e_{1,3} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

$$2841. \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, t_{\lnot e_{1,2}, e_{1,3}} \lor \lnot e_{1,5} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{\lnot e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \lnot e_{2,$$

$$2842. \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, t_{\lnot e_{1,2}, e_{1,3}} \lor t_{\lnot e_{1,3}, e_{2,3}} \lor \lnot e_{1,5} \vdash t_{\lnot e_{1,2}, e_{1,3}} \lor t_{\lnot e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \lnot e$$

$$2843. \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, t_{\lnot e_{1,2}, e_{1,3}} \lor \lnot e_{1,5} \lor t_{\lnot e_{1,2}, e_{2,3}} \vdash t_{\lnot e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e_{2,3}}$$

$$2844. \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, t_{\lnot e_{1,2}, e_{1,3}} \lor \lnot e_{1,5} \lor t_{e_{1,2}, \lnot e_{1,3}} \vdash t_{\lnot e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$2845. \ \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, \lnot e_{1,5} \lor \lnot e_{4,5} \lor t_{e_{1,2}, \lnot e_{1,3}} \vdash t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{4,5} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

2846.
$$e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}}, e_{5,6} \lor \neg e_{1,5} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{5,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

2847.
$$e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}}, \neg e_{5,6} \lor \neg e_{1,5} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg e_{5,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2848. \ e_{1,5} \lor t_{e_{1,2}, \lnot e_{2,3}}, e_{4,5} \lor \lnot e_{1,5} \lor t_{e_{1,2}, \lnot e_{1,3}} \vdash e_{4,5} \lor t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$2849. \ \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg e_{1,5} \lor e_{1,2} \vdash \neg e_{1,5} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,2}$$

2850.
$$t_{e_{1,2},e_{2,3}} \lor e_{1,3}, \neg t_{e_{1,2},e_{2,3}} \lor \neg t_{\neg e_{1,2},e_{2,3}} \lor e_{2,3} \vdash \neg t_{\neg e_{1,2},e_{2,3}} \lor e_{1,3} \lor e_{2,3}$$

2851.
$$t_{e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg e_{1,5} \vdash \neg e_{1,2} \lor \neg e_{1,5} \lor t_{e_{1,2}, e_{2,3}}$$

2852.
$$t_{e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg e_{3,5} \vdash \neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}} \lor \neg e_{3,5}$$

$$2853. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \vdash \neg t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor t_{e_{$$

$$2854. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2$$

2855.
$$t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor e_{1,6} \lor e_{1,2} \vdash t_{e_{1,2},\,e_{2,3}} \lor e_{1,6} \lor e_{1,2}$$

$$2856. \ \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \vdash \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}$$

$$2857. \ t_{e_{1,2},\, e_{2,3}} \lor e_{1,3}, \neg t_{e_{1,2},\, e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash e_{1,3} \lor e_{2,3} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$2858. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,3},\,\neg e_{2,3}} \vdash \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,e_{2,$$

$$2859. \ \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \vdash \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2$$

$$2860. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,3},\,e_{2,3}} \vdash t_{\neg e_{1,3},\,e_{2,3}} \lor \neg t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_$$

2861.
$$t_{e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg t_{e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$2862. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,3},\,e_{2,3}} \vdash \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,3},\,e_{2,3}} \lor \neg t_{\neg e_{1,3},\,e_{2,$$

2863.
$$t_{e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg e_{3,6} \lor \neg e_{2,3} \vdash \neg e_{3,6} \lor \neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}}$$

2864.
$$t_{e_{1,2},e_{2,3}} \lor e_{1,3}, \neg t_{e_{1,2},e_{2,3}} \lor t_{\neg e_{1,2},e_{2,3}} \lor e_{1,2} \vdash t_{\neg e_{1,2},e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

2865.
$$t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor e_{1,5} \lor e_{1,2} \vdash e_{1,5} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,2}$$

$$2866. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \vdash \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}}$$

2867.
$$t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg e_{1,6} \lor e_{1,2} \vdash \neg e_{1,6} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,2}$$

$$2868. \ \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \vdash \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{$$

$$2869. \ \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},$$

2870.
$$t_{e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg e_{3,6} \lor e_{2,3} \vdash \neg e_{3,6} \lor t_{e_{1,2}, e_{2,3}} \lor e_{2,3}$$

2871.
$$t_{e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,2} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$2872. \ \ t_{e_{1,2},\, e_{2,3}} \lor e_{1,3}, \neg t_{e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,3} \lor e_{2,3}$$

2873.
$$t_{e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor e_{3,5} \lor \neg e_{2,3} \vdash e_{3,5} \lor \neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}}$$

2874.
$$t_{e_{1,2},e_{2,3}} \lor e_{1,3}, \neg t_{e_{1,2},e_{2,3}} \lor t_{e_{1,3},e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,3},e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

2875.
$$t_{e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg e_{3,5} \lor e_{2,3} \vdash t_{e_{1,2}, e_{2,3}} \lor \neg e_{3,5} \lor e_{2,3}$$

$$2876. \ \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor e_{1,2} \vdash \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,2}$$

$$2877. \ \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,3} \vdash t_{e_{1,2},\,e_{1,3}} \lor e_{1,3} \lor e_{2,3}$$

2878.
$$t_{e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,3}, e_{2,3}}$$

2879.
$$t_{e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg e_{1,2} \lor e_{1,5} \lor \neg e_{1,3} \vdash \neg e_{1,2} \lor e_{1,5} \lor t_{e_{1,2}, e_{2,3}}$$

$$2880. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,\neg e_{$$

2881.
$$t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,2},\,e_{1,3}} \lor e_{1,3} \lor e_{2,3}$$

$$2882. \ \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,3},\,\neg e_{2,3}} \vdash \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}$$

2883.
$$t_{e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg e_{2,3} \lor e_{3,6} \vdash \neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}} \lor e_{3,6}$$

$$2884. \ \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \vdash \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{$$

$$2885. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}}$$

$$2886. \ \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \vdash \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{$$

2887.
$$t_{e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor e_{3,6} \lor e_{2,3} \vdash t_{e_{1,2}, e_{2,3}} \lor e_{3,6} \lor e_{2,3}$$

$$2888. \ \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \vdash \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{2,3}$$

2889.
$$t_{e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor e_{3,5} \lor e_{2,3} \vdash e_{3,5} \lor t_{e_{1,2}, e_{2,3}} \lor e_{2,3}$$

$$2890. \ \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,2},\,$$

2891.
$$t_{e_{1,2},e_{2,3}} \lor e_{1,3}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg e_{1,6} \vdash \neg e_{1,2} \lor \neg e_{1,6} \lor t_{e_{1,2},e_{2,3}}$$

$$2892. \ \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \vdash \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{$$

2893.
$$t_{e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg e_{1,2} \lor \neg e_{1,3} \lor e_{1,6} \vdash \neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,6}$$

$$2894. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{2,2},\,\neg e$$

$$2895. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, t_{e_{1,2},\,e_{1,3}} \lor \neg e_{1,3} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,2}} \lor \neg t_{e_{1,2},\,\neg e_{1,2}} \lor \neg t_{e_{1,2},\,\neg e_{1,2}} \lor \neg t_{e_{1,2},\,\neg e_{1,2}} \lor \neg t_{e_{1,2},\,$$

$$2896. \ \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor \neg e_{1,5} \vdash t_{e_{1,3},\,\neg e_{2,3}} \lor \neg e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}$$

2897.
$$t_{e_{1,2}, e_{2,3}} \lor e_{1,3}, e_{1,5} \lor \neg e_{1,3} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash e_{1,5} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

2898.
$$t_{e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg e_{1,6} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,6} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

$$2899. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,6}$$

2900.
$$t_{e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}$$

2901.
$$t_{e_{1,2},e_{2,3}} \lor e_{1,3}, \neg e_{1,2} \lor \neg e_{1,3} \lor t_{\neg e_{1,2},e_{2,3}} \vdash \neg e_{1,2} \lor t_{e_{1,2},e_{2,3}} \lor t_{\neg e_{1,2},e_{2,3}}$$

$$2902. \ \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{$$

$$2903. \ \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,2}$$

$$2904. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,2} \lor \neg e_{1,3} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \vdash \neg e_{1,2} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}}$$

$$2905. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \vdash t_{e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_$$

$$2906. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg e_{3,5} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg e_{3,5}$$

$$2907. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg e_{3,6} \lor t_{e_{1,2},\,\neg e_{2,3}} \vdash \neg e_{3,6} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3$$

2908.
$$t_{e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor e_{3,5} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash e_{3,5} \lor t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$2909.\ \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{3,6} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{3,6}$$

$$2910. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg e_{3,5} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg e_{3,5}$$

$$2911. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg e_{3,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg e_{3,6} \lor t_{e_{1,2},\,e_{2,3}}$$

$$2912. \ \ t_{e_{1,2},\, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{e_{1,2},\, e_{1,3}} \lor e_{3,5} \vdash t_{e_{1,2},\, e_{1,3}} \lor e_{3,5} \lor t_{e_{1,2},\, e_{2,3}}$$

2913.
$$t_{e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{e_{1,2}, e_{1,3}} \lor e_{3,6} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{3,6}$$

$$2914. \ \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor \neg e_{3,5} \vdash t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor \neg e_{3,5}$$

$$2915. \ \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \vdash \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{2,3}$$

$$2916. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg e_{3,6} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg e_{3,6} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor \neg$$

2917.
$$t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg t_{e_{1,2},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash e_{1,3} \lor e_{2,3} \lor e_{1,2}$$

2918.
$$t_{e_{1,2},e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{\neg e_{1,3},e_{2,3}} \lor e_{2,3} \vdash \neg t_{\neg e_{1,3},e_{2,3}} \lor t_{e_{1,2},e_{2,3}} \lor e_{2,3}$$

$$2919. \ \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor e_{3,5} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \vdash e_{3,5} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t$$

$$2920. \ \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor e_{3,6} \vdash t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor e_{3,6}$$

2921.
$$t_{e_{1,2},e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor e_{2,3} \lor e_{1,2} \vdash t_{e_{1,2},e_{2,3}} \lor e_{2,3} \lor e_{1,2}$$

2922.
$$t_{e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg e_{1,2} \lor \neg e_{1,3} \lor e_{2,3} \vdash \neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}} \lor e_{2,3}$$

2923.
$$t_{e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{e_{1,3}, \neg e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{2,3}$$

$$2924. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor \neg e_{3,5} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg e_{3,5}$$

$$2925. \ \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg e_{3,6} \lor t_{\neg e_{1,2},\,e_{1,3}} \vdash \neg e_{3,6} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}}$$

$$2926. \ \ t_{e_{1,2},\, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor e_{3,5} \lor t_{\neg e_{1,2},\, e_{1,3}} \vdash e_{3,5} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, e_{2,3}}$$

2927.
$$t_{e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{3,6} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{3,6}$$

2928.
$$t_{e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg e_{1,5} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,5} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, e_{2,3}}$$

2929.
$$t_{e_{1,2},e_{2,3}} \lor e_{1,3}, \neg t_{e_{1,2},e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash e_{1,3} \lor e_{2,3} \lor e_{1,2}$$

$$2930. \ \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, e_{1,5} \lor \neg e_{1,3} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{1,5} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}}$$

$$2931. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg e_{1,6} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \vdash \neg e_{1,6} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_$$

2932.
$$t_{e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{1,6} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,6}$$

$$2933. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e$$

$$2934. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}}$$

2935.
$$t_{e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{2,3}$$

$$2936.\ \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \lor e_{1,2} \vdash t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \lor e_{1,2}$$

2937.
$$t_{e_{1,2},e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg e_{1,2} \lor \neg t_{e_{1,5},\neg e_{2,5}} \vdash \neg e_{1,2} \lor t_{e_{1,2},e_{2,3}} \lor \neg t_{e_{1,5},\neg e_{2,5}}$$

$$2938. \ \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \vdash t_{e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \lor$$

$$2939. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}}$$

2940.
$$t_{e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$2941. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,2} \lor \neg e_{1,3} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \vdash \neg e_{1,2} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}}$$

$$2942. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \vdash t_{e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_$$

$$2943. \ \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}$$

$$2944. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg e_{3,5} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,2},\,e_{2,3}} \lor \neg e_{3,5} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

2945.
$$t_{e_{1,2},e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg e_{3,6} \lor t_{e_{1,2},\neg e_{1,3}} \vdash \neg e_{3,6} \lor t_{e_{1,2},e_{2,3}} \lor t_{e_{1,2},\neg e_{1,3}}$$

$$2946. \ \ t_{e_{1,2},\, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor e_{3,5} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash e_{3,5} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$2947. \ t_{e_{1,2},\, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor e_{3,6} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{e_{1,2},\, e_{2,3}} \lor e_{3,6} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

2948.
$$t_{e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,2} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,2}$$

2949.
$$t_{e_{1,2},e_{2,3}} \lor e_{1,3}, \neg e_{1,2} \lor \neg e_{1,3} \lor t_{\neg e_{1,6},e_{2,6}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,6},e_{2,6}} \lor t_{e_{1,2},e_{2,3}}$$

$$2950. \ \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,6},\,e_{2,6}} \lor t_{e_{1,3},\,\neg e_{2,3}} \vdash t_{\neg e_{1,6},\,e_{2,6}} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e$$

$$2951. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{\neg e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_$$

2952.
$$t_{e_{1,2},e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,6},\neg e_{2,6}} \lor e_{1,2} \vdash \neg t_{e_{1,6},\neg e_{2,6}} \lor t_{e_{1,2},e_{2,3}} \lor e_{1,2}$$

$$2953. \ \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \vdash \neg e_{1,2} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}}$$

$$2954. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \vdash t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}}$$

$$2955. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,2$$

$$2956. \ \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,2}$$

$$2957. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,2} \lor \neg e_{1,3} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg e_{1,2} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2958. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,$$

$$2959. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e$$

2960.
$$t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor e_{1,2} \lor e_{2,6} \vdash t_{e_{1,2},\,e_{2,3}} \lor e_{1,2} \lor e_{2,6}$$

2961.
$$t_{e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg e_{1,2} \lor \neg e_{1,3} \lor e_{2,6} \vdash \neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}} \lor e_{2,6}$$

$$2962. \ t_{e_{1,2},\, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor e_{2,6} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}} \lor e_{2,6}$$

$$2963. \ \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,6} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{2,6}$$

2964.
$$t_{e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$2965. \ \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,2} \lor \neg e_{1,3} \lor t_{e_{1,2},\,\neg e_{2,3}} \vdash \neg e_{1,2} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2$$

$$2966. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \vdash t_{e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,$$

$$2967. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{2,2},\,\neg e$$

$$2968. \ \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor \neg e_{1,5} \vdash t_{\neg e_{1,3},\,e_{2,3}} \lor \neg e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}$$

$$2969. \ \ t_{e_{1,2},\, e_{2,3}} \lor e_{1,3}, e_{1,5} \lor \lnot e_{1,3} \lor t_{\lnot e_{1,3},\, e_{2,3}} \vdash e_{1,5} \lor t_{\lnot e_{1,3},\, e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}}$$

$$2970. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg e_{1,6} \lor t_{\neg e_{1,3},\,e_{2,3}} \vdash \neg e_{1,6} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2$$

$$2971. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor e_{1,6} \vdash t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,6}$$

2972.
$$t_{e_{1,2},e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,3},e_{2,3}} \lor t_{\neg e_{1,2},e_{2,3}} \vdash t_{\neg e_{1,3},e_{2,3}} \lor t_{e_{1,2},e_{2,3}} \lor t_{\neg e_{1,2},e_{2,3}}$$

$$2973. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \vdash t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_$$

$$2974. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{2,3}$$

$$2975. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \vdash t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \lor \neg$$

$$2976. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \vdash t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_$$

$$2977. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,3},\,e_{2,3}} \vdash t_{\neg e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{$$

$$2978. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \vdash t_{\neg e_{1,3},\,e_{2,3}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,2},\,e$$

$$2979. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,$$

$$2980. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor e_{2,6} \vdash t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{2,6}$$

$$2981. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \vdash t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{2,2},\,\neg e_{2,$$

$$2982. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg e_{1,5} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg e_{1,5} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2983. \ \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, e_{1,5} \lor \lnot e_{1,3} \lor t_{\lnot e_{1,2},\,e_{2,3}} \vdash e_{1,5} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\lnot e_{1,2},\,e_{2,3}} \lor t_{\lnot e_{1,2},\,e_{2,3}}$$

$$2984. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg e_{1,6} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg e_{1,6} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2985. \ \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor e_{1,6} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{e_{1,2},\,e_{2,3}} \lor e_{1,6} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2986. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e$$

2987.
$$t_{e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,3}$$

$$2988. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$2989. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e$$

$$2990. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{\neg e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,$$

$$2991. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg t_{e_{1,6},\,\neg e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e$$

$$2992. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{2,6} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{2,6}$$

$$2993. \ \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{$$

2994.
$$t_{e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{1,5} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{1,5} \lor t_{e_{1,2}, e_{2,3}}$$

$$2995. \ \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor e_{1,2} \vdash \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,2}$$

2996.
$$t_{e_{1,2},e_{2,3}} \lor e_{1,3}, \neg t_{e_{1,2},e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash e_{1,3} \lor e_{2,3} \lor e_{1,2}$$

$$2997. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, e_{1,5} \lor \neg e_{1,3} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \vdash e_{1,5} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2$$

$$2998. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg e_{1,6} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \vdash \neg e_{1,6} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_$$

2999.
$$t_{e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,6}$$

$$3000.\ \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,2}$$

$$3001. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e$$

$$3002. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}}$$

3003.
$$t_{e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg e_{3,5} \lor e_{1,2} \vdash t_{e_{1,2}, e_{2,3}} \lor \neg e_{3,5} \lor e_{1,2}$$

3004.
$$t_{e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg e_{3,6} \lor e_{1,2} \vdash \neg e_{3,6} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,2}$$

3005.
$$t_{e_{1,2},e_{2,3}} \vee e_{1,3}, \neg e_{1,3} \vee e_{3,5} \vee e_{1,2} \vdash e_{3,5} \vee t_{e_{1,2},e_{2,3}} \vee e_{1,2}$$

3006.
$$t_{e_{1,2}, e_{2,3}} \vee e_{1,3}, \neg e_{1,3} \vee e_{3,6} \vee e_{1,2} \vdash t_{e_{1,2}, e_{2,3}} \vee e_{3,6} \vee e_{1,2}$$

$$3007. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{2,3} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{2,3}$$

$$3008. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}}$$

$$3009. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}}$$

$$3010. \ \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \vdash t_{\neg e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor$$

$$3011. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}}$$

$$3012. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e$$

$$3013. \ \ t_{e_{1,2},\, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,6} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}} \lor e_{2,6}$$

$$3014. \ \ t_{e_{1,2},\, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}} \lor e_{1,2}$$

3015.
$$t_{e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,2}$$

$$3016.\ \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor e_{1,2} \vdash t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,2}$$

3017.
$$t_{e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}$$

3018.
$$t_{e_{1,2},e_{2,3}} \vee e_{1,3}, \neg e_{1,3} \vee t_{e_{1,2},e_{2,3}} \vee e_{1,2} \vdash e_{1,2} \vee t_{e_{1,2},e_{2,3}}$$

3019.
$$t_{e_{1,2},e_{2,3}} \vee e_{1,3}, \neg e_{1,2} \vee \neg e_{1,3} \vee t_{e_{1,2},e_{2,3}} \vdash \neg e_{1,2} \vee t_{e_{1,2},e_{2,3}}$$

3020.
$$t_{e_{1,2},e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{e_{1,3},\neg e_{2,3}} \lor t_{e_{1,2},e_{2,3}} \vdash t_{e_{1,3},\neg e_{2,3}} \lor t_{e_{1,2},e_{2,3}}$$

3021.
$$t_{e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, e_{2,3}}$$

$$3022. \ t_{e_{1,2},\, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}} \vdash t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}}$$

3023.
$$t_{e_{1,2},e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{e_{1,2},e_{2,3}} \lor t_{\neg e_{1,2},e_{2,3}} \vdash t_{\neg e_{1,2},e_{2,3}} \lor t_{e_{1,2},e_{2,3}}$$

$$3024. \ t_{e_{1,2},\, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}}$$

$$3025. \ \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor \neg e_{1,5} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor \neg e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}$$

3026.
$$t_{e_{1,2},e_{2,3}} \lor e_{1,3}, e_{1,5} \lor \neg e_{1,3} \lor t_{\neg e_{1,2},e_{1,3}} \vdash e_{1,5} \lor t_{\neg e_{1,2},e_{1,3}} \lor t_{e_{1,2},e_{2,3}}$$

$$3027. \ t_{e_{1,2},\, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg e_{1,6} \lor t_{\neg e_{1,2},\, e_{1,3}} \vdash \neg e_{1,6} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, e_{2,3}}$$

3028.
$$t_{e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,6} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,6}$$

$$3029. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,$$

$$3030. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_$$

3031.
$$t_{e_{1,2}, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,3} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{2,3}$$

$$3032. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \lor \neg$$

3033.
$$t_{e_{1,2},e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,2},e_{1,3}} \lor t_{\neg e_{1,2},\neg e_{2,3}} \vdash t_{\neg e_{1,2},e_{1,3}} \lor t_{e_{1,2},e_{2,3}} \lor t_{\neg e_{1,2},\neg e_{2,3}}$$

$$3034. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{1,3}} \vdash t_{\neg e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}}$$

$$3035. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}}$$

$$3036. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,$$

$$3037. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor e_{2,6} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{2,6}$$

$$3038. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{2,2},\,\neg e_{2,$$

3039.
$$t_{e_{1,2},e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,2},e_{1,3}} \lor t_{e_{1,2},e_{2,3}} \vdash t_{\neg e_{1,2},e_{1,3}} \lor t_{e_{1,2},e_{2,3}}$$

$$3040. \ \ t_{e_{1,2},\, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}$$

$$3041. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,2} \lor \neg e_{1,3} \lor t_{e_{1,2},\,\neg e_{2,3}} \vdash \neg e_{1,2} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}}$$

$$3042. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \vdash t_{e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{$$

$$3043. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{2,2},\,\neg e$$

$$3044. \ t_{e_{1,2},\, e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}}$$

$$3045. \ \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{$$

$$3046. \ \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_$$

$$3047. \ t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{2,2},\,\neg e_{2,3}$$

$$3048.\ \ t_{e_{1,5},\,\lnot e_{2,5}} \lor t_{e_{1,2},\,e_{1,3}}, \lnot t_{e_{1,2},\,e_{1,3}} \lor \lnot t_{e_{1,2},\,\lnot e_{1,3}} \lor e_{1,2} \vdash t_{e_{1,5},\,\lnot e_{2,5}} \lor \lnot t_{e_{1,2},\,\lnot e_{1,3}} \lor e_{1,2}$$

$$3049. \ t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,2},\, e_{1,3}}, \neg t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,3}$$

$$3050. \ \ t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,2},\, e_{1,3}}, t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,2},\, e_{1,3}} \lor e_{1,2} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor e_{1,2}$$

$$3051. \ t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, e_{1,3}}, \neg t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,3}$$

$$3052. \ \ t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,2},\, e_{1,3}}, \neg t_{e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \lor e_{1,3} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \lor e_{1,3}$$

$$3053. \ t_{e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,2},\,e_{1,3}}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,2},\,e_{1,3}} \lor e_{1,2} \vdash t_{e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,2}$$

$$3054. \ t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, e_{1,3}}, \neg t_{e_{1,2}, e_{1,3}} \lor e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$3055. \ t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, e_{1,3}}, \neg t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,3}, e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,3}, e_{2,3}} \lor e_{1,2}$$

$$3056.\ \ t_{e_{1,5},\,\lnot e_{2,5}} \lor t_{e_{1,2},\,e_{1,3}}, \lnot t_{e_{1,2},\,e_{1,3}} \lor e_{1,3} \lor e_{1,2} \vdash t_{e_{1,5},\,\lnot e_{2,5}} \lor e_{1,3} \lor e_{1,2}$$

$$3057. \ t_{e_{1,5}, \, \neg e_{2,5}} \lor t_{e_{1,2}, \, e_{1,3}}, \neg t_{e_{1,2}, \, e_{1,3}} \lor e_{1,3} \lor e_{1,2} \vdash t_{e_{1,5}, \, \neg e_{2,5}} \lor e_{1,3} \lor e_{1,2}$$

$$3058. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor$$

$$3059. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{1,3}}, t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$$

$$3060. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{2,5} \lor t_{e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$$

$$3061. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{1,3}}, t_{\neg e_{1,5},\, \neg e_{2,5}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{1,5},\,$$

3062.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{1,3}}, e_{1,5} \lor \neg e_{5,6} \lor \neg e_{2,5} \vdash e_{1,5} \lor \neg e_{5,6} \lor t_{\neg e_{1,2}, e_{1,3}}$$

$$3063. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{2,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$3064. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{1,3}}, t_{e_{1,5},\, \neg e_{2,5}} \lor \neg e_{2,5} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}}$$

$$3065. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{1,3}}, t_{\neg e_{1,2},\, e_{1,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \vdash \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, e_{1,3}}$$

$$3066. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{2,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor t_{\neg$$

$$3067. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg e_{2,5} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \lor$$

$$3068. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{1,3}}, t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$$

$$3069. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{1,3}}, t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$$

$$3070. \ e_{2,5} \lor t_{\neg e_{1,2}, \, e_{1,3}}, t_{e_{1,2}, \, e_{1,3}} \lor \neg e_{2,5} \lor \neg t_{e_{1,5}, \, \neg e_{2,5}} \vdash t_{e_{1,2}, \, e_{1,3}} \lor t_{\neg e_{1,2}, \, e_{1,3}} \lor \neg t_{e_{1,5}, \, \neg e_{2,5}}$$

$$3071. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \lor \neg e_{2,5} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{1,5},\,$$

$$3072. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{1,3}}, t_{\neg e_{1,2},\, \neg e_{1,3}} \lor \neg e_{2,5} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}}$$

$$3073. \ e_{2,5} \lor t_{\lnot e_{1,2},\, e_{1,3}}, \lnot e_{1,5} \lor \lnot e_{2,5} \lor \lnot e_{4,5} \vdash t_{\lnot e_{1,2},\, e_{1,3}} \lor \lnot e_{1,5} \lor \lnot e_{4,5}$$

$$3074. \ e_{2,5} \lor t_{\neg e_{1,2}, \, e_{1,3}}, \neg e_{2,5} \lor \neg t_{e_{1,5}, \, \neg e_{2,5}} \lor t_{e_{1,2}, \, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, \, e_{1,3}} \lor \neg t_{e_{1,5}, \, \neg e_{2,5}} \lor t_{e_{1,2}, \, \neg e_{1,3}}$$

$$3075. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,5} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}}$$

3076.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{1,3}}, e_{5,6} \lor \neg e_{1,5} \lor \neg e_{2,5} \vdash e_{5,6} \lor t_{\neg e_{1,2}, e_{1,3}} \lor \neg e_{1,5}$$

3077.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{1,3}}, t_{\neg e_{1,2}, e_{1,3}} \lor \neg e_{2,5} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \vdash \neg t_{e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,2}, e_{1,3}}$$

3078.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{1,3}}, e_{1,5} \lor \neg e_{2,5} \lor \neg e_{4,5} \vdash e_{1,5} \lor t_{\neg e_{1,2}, e_{1,3}} \lor \neg e_{4,5}$$

$$3079. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,5} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}}$$

3080.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{2,5} \lor e_{2,3} \lor e_{1,2} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$3081. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{1,3}}, t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg e_{2,5} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{2,5},\, \neg e_$$

$$3082. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$$

$$3083. \ e_{2,5} \lor t_{\lnot e_{1,2},\, e_{1,3}}, \lnot e_{5,6} \lor \lnot e_{1,5} \lor \lnot e_{2,5} \vdash \lnot e_{5,6} \lor t_{\lnot e_{1,2},\, e_{1,3}} \lor \lnot e_{1,5}$$

$$3084. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{1,3}}, t_{e_{1,2},\, e_{1,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,5},\, \neg e_{2,5}}$$

$$3085. \ \ e_{2,5} \lor t_{\neg e_{1,2}, \, e_{1,3}}, t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,5}, \, \neg e_{2,5}} \vdash t_{\neg e_{1,2}, \, e_{1,3}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor \neg t_{\neg e_{1,5}, \, \neg e_{2,5}}$$

3086.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{1,3}}, e_{1,5} \lor e_{4,5} \lor \neg e_{2,5} \vdash e_{1,5} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{4,5}$$

3087.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{1,2} \lor \neg e_{2,5} \lor e_{2,3} \vdash \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,3}$$

$$3088. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{1,3}}, t_{e_{1,2},\, e_{2,3}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$$

$$3089. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{e_{1,2},\, e_{2,3}} \lor \neg e_{2,5} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{e_{1,2},\, e_{2,3}}$$

3090.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6}$$

$$3091. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$3092. \ e_{2,5} \lor t_{\lnot e_{1,2},\, e_{1,3}}, \lnot e_{1,2} \lor \lnot e_{2,3} \lor \lnot e_{2,5} \vdash \lnot e_{1,2} \lor t_{\lnot e_{1,2},\, e_{1,3}} \lor \lnot e_{2,3}$$

3093.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{1,3}}, e_{5,6} \lor e_{1,5} \lor \neg e_{2,5} \vdash e_{5,6} \lor e_{1,5} \lor t_{\neg e_{1,2}, e_{1,3}}$$

3094.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{1,5} \lor e_{4,5} \lor \neg e_{2,5} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor e_{4,5} \lor \neg e_{1,5}$$

$$3095. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{1,3}}, t_{e_{1,5},\, e_{2,5}} \lor \neg e_{2,5} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,5},\, e_{2,5}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}}$$

$$3096. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \lor \neg e_{2,5} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \lor$$

3097.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{2,3} \lor \neg e_{2,5} \lor e_{1,2} \vdash \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,2}$$

$$3098. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{1,3}}, t_{e_{1,3},\, \neg e_{2,3}} \lor \neg e_{2,5} \lor e_{2,3} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,3}$$

$$3099. \ \ e_{2,5} \lor t_{\lnot e_{1,2}, \, e_{1,3}}, t_{e_{1,3}, \, \lnot e_{2,3}} \lor \lnot e_{2,3} \lor \lnot e_{2,5} \vdash t_{e_{1,3}, \, \lnot e_{2,3}} \lor \lnot e_{2,3} \lor t_{\lnot e_{1,2}, \, e_{1,3}}$$

$$3100. \ \ e_{2,5} \lor t_{\lnot e_{1,2}, \, e_{1,3}}, \lnot e_{2,5} \lor t_{\lnot e_{1,2}, \, e_{2,3}} \lor \lnot e_{4,5} \vdash t_{\lnot e_{1,2}, \, e_{1,3}} \lor t_{\lnot e_{1,2}, \, e_{2,3}} \lor \lnot e_{4,5}$$

$$3101. \ e_{2,5} \lor t_{\lnot e_{1,2},\, e_{1,3}}, e_{5,6} \lor \lnot e_{2,5} \lor t_{\lnot e_{1,2},\, e_{2,3}} \vdash e_{5,6} \lor t_{\lnot e_{1,2},\, e_{1,3}} \lor t_{\lnot e_{1,2},\, e_{2,3}}$$

$$3102. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{5,6} \lor \neg e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg e_{5,6} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

3103.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{1,3}}, e_{4,5} \lor \neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor e_{4,5} \lor t_{\neg e_{1,2}, e_{2,3}}$$

3104.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{1,3}}, t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \lor \neg e_{4,5} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg e_{4,5}$$

3105.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{1,3}}, e_{5,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \vdash e_{5,6} \lor t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$3106. \ \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{5,6} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,5} \vdash \neg e_{5,6} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}}$$

$$3107. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{1,3}}, e_{4,5} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,5} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor e_{4,5} \lor t_{\neg e_{1,2},\, \neg e_{2,3}}$$

3108.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \vdash \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$3109. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{1,3}}, t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,5} \lor e_{1,2} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}$$

$$3110. \ \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{1,3}}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,5} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},$$

$$3111. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{1,3}} \lor \neg e_{2,5} \vdash \neg e_{1,2} \lor t_{e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{1,3}}$$

3112.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{1,3}}, t_{e_{1,2}, e_{1,3}} \lor \neg e_{2,5} \lor e_{1,2} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,2}$$

3113.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{1,3}}, t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,5} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{1,3}}$$

3114.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{2,5} \lor e_{2,3} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,3} \lor \neg t_{\neg e_{2,5}, e_{2,6}}$$

$$3115. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg e_{2,5} \lor e_{2,3} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor e_{2,3}$$

3116.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{2,5} \vdash \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}}$$

3117.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{2,5} \lor e_{1,2} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}$$

$$3118. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{1,3}}, t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{2,5} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg$$

3119.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{2,5} \lor \neg e_{4,5} \lor e_{2,3} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor \neg e_{4,5} \lor e_{2,3}$$

3120.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{1,3}}, e_{5,6} \lor \neg e_{2,5} \lor e_{2,3} \vdash e_{5,6} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,3}$$

3121.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{5,6} \lor \neg e_{2,5} \lor e_{2,3} \vdash \neg e_{5,6} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,3}$$

3122.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{1,3}}, e_{4,5} \lor \neg e_{2,5} \lor e_{2,3} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor e_{4,5} \lor e_{2,3}$$

3123.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}} \lor \neg e_{2,5} \vdash \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}}$$

3124.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{1,3}}, t_{\neg e_{1,2}, e_{1,3}} \lor \neg e_{2,5} \lor e_{1,2} \vdash e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}}$$

$$3125. \ e_{2,5} \lor t_{\lnot e_{1,2},\, e_{1,3}}, t_{e_{1,3},\, \lnot e_{2,3}} \lor t_{\lnot e_{1,2},\, e_{1,3}} \lor \lnot e_{2,5} \vdash t_{e_{1,3},\, \lnot e_{2,3}} \lor t_{\lnot e_{1,2},\, e_{1,3}}$$

3126.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{2,5} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}} \lor e_{1,2} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{\neg e_{1,5}, \neg e_{2,5}} \lor e_{1,2}$$

$$3127. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{2,5} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,2} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,2}$$

3128.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg e_{2,5} \lor e_{2,3} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3}$$

3129.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg e_{2,5} \vdash \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}}$$

$$3130. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg t_{e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,5} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,5} \lor \neg e_{2,$$

$$3131. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{1,3}}, t_{e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor \neg e_{2,5} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,2},\, \neg e_{1,3}}$$

$$3132. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg t_{e_{1,2},\, \neg e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{2,5} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t$$

3133.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{1,3}}, t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg e_{2,5} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}}$$

3134.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{2,5} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \lor \neg e_{4,5} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \lor \neg e_{4,5}$$

$$3135. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{1,3}}, e_{5,6} \lor \neg e_{2,5} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \vdash e_{5,6} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}}$$

$$3136. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{5,6} \lor \neg e_{2,5} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \vdash \neg e_{5,6} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}}$$

$$3137. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{1,3}}, e_{4,5} \lor \neg e_{2,5} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor e_{4,5} \lor \neg t_{e_{1,5},\, \neg e_{2,5}}$$

3138.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{1,2} \lor \neg e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

3139.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{2,5} \lor e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$3140. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{1,3}}, t_{e_{1,3},\, \neg e_{2,3}} \lor \neg e_{2,5} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$3141. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg t_{e_{1,2},\, \neg e_{1,3}} \lor \neg e_{2,5} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,2$$

$$3142. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor e_{1,6}$$

$$3143. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \lor e_{2,6}$$

3144.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{1,3}}, t_{\neg e_{1,3}, e_{2,3}} \lor \neg e_{2,5} \lor e_{2,3} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{2,3}$$

$$3145. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor \neg e_{2,5} \vdash \neg e_{2,3} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,3},\, e_{2,3}}$$

$$3146. \ \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{1,3}}, t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,5} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}}$$

$$3147. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{1,3}}, t_{e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor \neg e_{2,5} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,3},\, e_{2,3}}$$

$$3148. \ \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{1,3}}, t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{2,5} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{$$

3149.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{1,3}}, t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor \neg e_{2,5} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$3150. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{1,3}}, t_{\neg e_{1,3},\, e_{2,3}} \lor \neg e_{2,5} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$3151. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,3} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,3}$$

$$3152. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{2,3} \lor \neg e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg e_{2,3} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

3153.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{1,3}}, t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$3154. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{1,3}}, t_{e_{1,2},\, e_{1,3}} \lor \neg e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{2,2},\, e_{2,2}} \lor t_{\neg e_{2,2},\, e_{2,2}} \lor t_{\neg e_{2,2},\, e_{2,2}} \lor t_{\neg e_{2,2},\, e_{2,2}} \lor t_{\neg e_{2,2},\, e_$$

$$3155. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1$$

3156.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{1,3}}, t_{\neg e_{1,2}, e_{1,3}} \lor \neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{1,3}}$$

$$3157. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

3158.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{1,3}}, e_{1,2} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{\neg e_{2,5}, e_{2,6}}$$

$$3159. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg e_{2,5} \lor e_{1,2} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor e_{1,2}$$

$$3160. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,5} \lor e_{2,3} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,3}$$

$$3161. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg e_{2,5} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,2},\, e_{1,3}}$$

3162.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{1,3}}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,5} \lor e_{1,2} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,2}$$

$$3163. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{1,3}}, t_{e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,5} \vdash t_{e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}}$$

$$3164. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{2,5} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t$$

$$3165. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg e_{2,5} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}}$$

3166.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg e_{2,5} \lor e_{1,2} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{1,2}$$

$$3167. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,5} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$3168. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{1,3}}, t_{\neg e_{1,3},\, e_{2,3}} \lor \neg e_{2,5} \lor e_{1,2} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor e_{1,2}$$

$$3169. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{1,3}}, \neg e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}$$

3170.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{1,3}}, t_{\neg e_{1,2}, e_{1,3}} \lor \neg e_{2,5} \lor e_{2,3} \vdash e_{2,3} \lor t_{\neg e_{1,2}, e_{1,3}}$$

3171.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{1,3}} \lor \neg e_{2,5} \vdash \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{1,3}}$$

$$3172. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{1,3}}, t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,5} \vdash t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}}$$

$$3173. \ e_{2,5} \lor t_{\lnot e_{1,2},\, e_{1,3}}, t_{e_{1,2},\, e_{1,3}} \lor t_{\lnot e_{1,2},\, e_{1,3}} \lor \lnot e_{2,5} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{\lnot e_{1,2},\, e_{1,3}}$$

3174.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{1,3}}, t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{2,5} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}}$$

$$3175. \ e_{2,5} \lor t_{\neg e_{1,2},\, e_{1,3}}, t_{\neg e_{1,2},\, e_{1,3}} \lor \neg e_{2,5} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$3176. \ e_{2,5} \lor t_{\neg e_{1,2}, \, e_{1,3}}, t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg e_{2,5} \lor \neg e_{4,5} \vdash t_{\neg e_{1,2}, \, e_{1,3}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg e_{4,5}$$

3177.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{1,3}}, e_{5,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \vdash e_{5,6} \lor t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

3178.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{1,3}}, \neg e_{5,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \vdash \neg e_{5,6} \lor t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

3179.
$$e_{2,5} \lor t_{\neg e_{1,2}, e_{1,3}}, e_{4,5} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,5} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor e_{4,5} \lor t_{e_{1,2}, \neg e_{2,3}}$$

3180.
$$t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{$$

3181.
$$t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,5}, e_{2,5}}, \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$3182. \ t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,5},\, e_{2,5}}, \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

3183.
$$t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

3184.
$$t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,5}, e_{2,5}}$$

3185.
$$t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,5}, e_{2,5}}, t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}$$

3186.
$$t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

3187.
$$t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,5}, e_{2,5}}, t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}$$

3188.
$$t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,5}$$

3189.
$$t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,5}, e_{2,5}}, t_{e_{1,5}, \neg e_{2,5}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$3190. \ t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,5},\, e_{2,5}}, \neg t_{\neg e_{1,5},\, e_{2,5}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \vdash \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

3191.
$$t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

3192.
$$t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,3} \vdash e_{1,5} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,3}$$

3193.
$$t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,5}, e_{2,5}}, \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,2} \vdash e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}$$

3194.
$$t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \vdash e_{1,5} \lor e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$3195. \ t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \vdash e_{1,5} \lor e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$3196.\ t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,5},\, e_{2,5}}, e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{1,2} \vdash e_{1,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2}$$

3197.
$$t_{\neg e_{1,4}, e_{2,4}} \lor e_{1,4}, e_{4,5} \lor \neg e_{1,4} \lor e_{2,4} \vdash e_{4,5} \lor t_{\neg e_{1,4}, e_{2,4}} \lor e_{2,4}$$

$$3198. \ t_{\neg e_{1,4},\, e_{2,4}} \lor e_{1,4}, \neg t_{\neg e_{1,4},\, \neg e_{2,4}} \lor t_{\neg e_{1,4},\, \neg e_{2,4}} \lor \neg e_{1,4} \vdash t_{\neg e_{1,4},\, e_{2,4}} \lor \neg t_{\neg e_{1,4},\, \neg e_{2,4}} \lor t_{\neg e_{1,4},\, \neg e_{2,4}} \lor$$

$$3199. \ t_{\neg e_{1,4},\, e_{2,4}} \lor e_{1,4}, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor t_{\neg e_{1,4},\, e_{2,4}} \lor \neg e_{1,4} \vdash \neg t_{\neg e_{1,4},\, e_{2,4}} \lor t_{\neg e_{1$$

$$3200.\ t_{\neg e_{1,4},\, e_{2,4}} \lor e_{1,4}, t_{e_{1,4},\, \neg e_{2,4}} \lor \neg t_{\neg e_{1,4},\, \neg e_{2,4}} \lor \neg e_{1,4} \vdash t_{e_{1,4},\, \neg e_{2,4}} \lor t_{\neg e_{1,4},\, e_{2,4}} \lor \neg t_{\neg e_{1,4},\, \neg e_{$$

$$3201. \ t_{\neg e_{1,4}, \, e_{2,4}} \lor e_{1,4}, \neg t_{\neg e_{1,4}, \, e_{2,4}} \lor \neg t_{\neg e_{1,4}, \, \neg e_{2,4}} \lor \neg e_{1,4} \vdash \neg t_{\neg e_{1,4}, \, e_{2,4}} \lor t_{\neg e_{1,4}, \, e_{2,4}} \lor \neg t_{\neg e_{1,4}, \, \neg e_{2,4}} \lor \neg t_{\neg e_{1,4}, \, e_{2,4}} \lor \neg t_{\neg e_{1,4}$$

3202.
$$t_{\neg e_{1,4}, e_{2,4}} \lor e_{1,4}, e_{4,6} \lor \neg e_{1,4} \lor e_{2,4} \vdash e_{4,6} \lor t_{\neg e_{1,4}, e_{2,4}} \lor e_{2,4}$$

3203.
$$t_{\neg e_{1,4}, e_{2,4}} \lor e_{1,4}, e_{4,5} \lor \neg e_{2,4} \lor \neg e_{1,4} \vdash \neg e_{2,4} \lor e_{4,5} \lor t_{\neg e_{1,4}, e_{2,4}}$$

3204.
$$t_{\neg e_{1,4}, e_{2,4}} \lor e_{1,4}, \neg e_{1,4} \lor \neg e_{4,5} \lor e_{2,4} \vdash t_{\neg e_{1,4}, e_{2,4}} \lor \neg e_{4,5} \lor e_{2,4}$$

3205.
$$t_{\neg e_{1,4}, e_{2,4}} \lor e_{1,4}, \neg e_{2,4} \lor \neg e_{1,4} \lor \neg e_{4,5} \vdash \neg e_{2,4} \lor t_{\neg e_{1,4}, e_{2,4}} \lor \neg e_{4,5}$$

3206.
$$t_{\neg e_{1,4},\,e_{2,4}} \lor e_{1,4}, \neg e_{4,6} \lor \neg e_{1,4} \lor e_{2,4} \vdash \neg e_{4,6} \lor t_{\neg e_{1,4},\,e_{2,4}} \lor e_{2,4}$$

3207.
$$t_{\neg e_{1,4}, e_{2,4}} \lor e_{1,4}, e_{4,6} \lor \neg e_{2,4} \lor \neg e_{1,4} \vdash e_{4,6} \lor \neg e_{2,4} \lor t_{\neg e_{1,4}, e_{2,4}}$$

3208.
$$t_{\neg e_{1,4}, e_{2,4}} \lor e_{1,4}, \neg e_{2,4} \lor \neg e_{4,6} \lor \neg e_{1,4} \vdash \neg e_{2,4} \lor \neg e_{4,6} \lor t_{\neg e_{1,4}, e_{2,4}}$$

$$3209. \ t_{\neg e_{1,4},\, e_{2,4}} \lor e_{1,4}, t_{e_{1,4},\, e_{2,4}} \lor \neg t_{\neg e_{1,4},\, e_{2,4}} \lor \neg e_{1,4} \vdash t_{e_{1,4},\, e_{2,4}} \lor \neg t_{\neg e_{1,4},\, e_{2,4}} \lor t_{\neg e_{1,4},$$

3210.
$$t_{\neg e_{1,4}, e_{2,4}} \lor e_{1,4}, e_{4,5} \lor \neg t_{\neg e_{1,4}, e_{2,4}} \lor \neg e_{1,4} \vdash e_{4,5} \lor \neg t_{\neg e_{1,4}, e_{2,4}} \lor t_{\neg e_{1,4}, e_{2,4}}$$

$$3211. \ t_{\neg e_{1,4},\, e_{2,4}} \lor e_{1,4}, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor \neg e_{1,4} \lor \neg e_{4,5} \vdash \neg t_{\neg e_{1,4},\, e_{2,4}} \lor t_{\neg e_{1,4},\, e_{2,4}} \lor \neg e_{4,5}$$

$$3212. \ t_{\neg e_{1,4},\, e_{2,4}} \lor e_{1,4}, e_{4,6} \lor \neg t_{\neg e_{1,4},\, e_{2,4}} \lor \neg e_{1,4} \vdash e_{4,6} \lor \neg t_{\neg e_{1,4},\, e_{2,4}} \lor t_{\neg e_{1,4},\, e_{2,4}} \lor t_{\neg e_{1,4},\, e_{2,4}} \lor e_{4,6} \lor \neg e$$

$$3213. \ t_{\neg e_{1,4},\, e_{2,4}} \lor e_{1,4}, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor \neg e_{4,6} \lor \neg e_{1,4} \vdash \neg t_{\neg e_{1,4},\, e_{2,4}} \lor \neg e_{4,6} \lor \neg e_{4,6} \lor t_{\neg e_{1,4},\, e_{2,4}} \lor \neg e_{4,6} \lor$$

$$3214. \ t_{\neg e_{1,4}, \, e_{2,4}} \lor e_{1,4}, t_{e_{1,4}, \, \neg e_{2,4}} \lor e_{4,5} \lor \neg e_{1,4} \vdash t_{e_{1,4}, \, \neg e_{2,4}} \lor e_{4,5} \lor t_{\neg e_{1,4}, \, e_{2,4}}$$

3215.
$$t_{\neg e_{1,4}, e_{2,4}} \lor e_{1,4}, t_{e_{1,4}, \neg e_{2,4}} \lor \neg e_{4,5} \lor \neg e_{1,4} \vdash t_{e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{1,4}, e_{2,4}} \lor \neg e_{4,5}$$

3216.
$$t_{\neg e_{1,4}, e_{2,4}} \lor e_{1,4}, t_{e_{1,4}, \neg e_{2,4}} \lor e_{4,6} \lor \neg e_{1,4} \vdash t_{e_{1,4}, \neg e_{2,4}} \lor e_{4,6} \lor t_{\neg e_{1,4}, e_{2,4}}$$

$$3217. \ t_{\neg e_{1,4}, \, e_{2,4}} \lor e_{1,4}, t_{e_{1,4}, \, \neg e_{2,4}} \lor \neg e_{4,6} \lor \neg e_{1,4} \vdash t_{e_{1,4}, \, \neg e_{2,4}} \lor \neg e_{4,6} \lor t_{\neg e_{1,4}, \, e_{2,4}}$$

$$3218. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,6},\,e_{2,6}}, t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,6},\,e_{2,6}} \lor e_{2,6}$$

$$3219. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{\neg e_{1,6},\,e_{2,6}} \lor e_{2,6} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$3220. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\lnot e_{1,6},\,e_{2,6}}, \lnot t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor t_{\lnot e_{1,2},\,e_{2,3}} \vdash t_{\lnot e_{1,6},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,e_{2,3}} \lor e_{1,6}$$

3221.
$$t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,6}$$

$$3222. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,6} \vdash t_{\neg e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,6}$$

$$3223. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,6},\,e_{2,6}}, t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \vdash t_{\neg e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor e_{2,6}$$

$$3224. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor e_{2,6} \vdash t_{\neg e_{1,6},\,e_{2,6}} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor e_{2,6}$$

$$3225. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \vdash t_{\neg e_{1,6},\,e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \lor e_{2,6} \lor e_{2,6}$$

$$3226. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,6} \vdash t_{\neg e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2},\,\neg e_{2,3}}$$

$$3227. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,6} \vdash t_{\neg e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,6}$$

$$3228. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor e_{1,6} \vdash t_{\neg e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor e_{1,6}$$

3229.
$$t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,6} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,6}$$

$$3230. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,3} \vdash t_{\neg e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,3}$$

3231.
$$t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,2} \lor e_{2,6} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,2} \lor e_{2,6}$$

3232.
$$t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,6} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,6}$$

3233.
$$t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,6} \vdash t_{\neg e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,6}$$

$$3234. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,6},\,e_{2,6}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{1,2} \vdash t_{\neg e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{1,2}$$

$$3235. \ \ t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,4},\, e_{2,4}}, \neg t_{\neg e_{1,4},\, e_{2,4}} \lor \neg t_{e_{1,4},\, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{1,4},\, e_{2,4}} \lor e_{2,4} \lor e_{2,4}$$

$$3236. \ \ t_{e_{1,5}, \, \neg e_{2,5}} \lor t_{e_{1,4}, \, e_{2,4}}, t_{e_{1,4}, \, \neg e_{2,4}} \lor \neg t_{e_{1,4}, \, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5}, \, \neg e_{2,5}} \lor t_{e_{1,4}, \, \neg e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5}, \, \neg e_{2,5}} \lor t_{e_{1,4}, \, \neg e_{2,4}} \lor e_{2,4} \lor e_{2,4} \vdash t_{e_{1,5}, \, \neg e_{2,5}} \lor t_{e_{1,4}, \, \neg e_{2,4}} \lor e_{2,4} \lor e_{2,4}$$

$$3237. \ t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,4}, e_{2,4}}, e_{1,4} \lor t_{\neg e_{1,4}, e_{2,4}} \lor \neg t_{e_{1,4}, e_{2,4}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,4}, e_{2,4}} \lor e_{1,4}$$

$$3238. \ \ t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,4},\, e_{2,4}}, e_{1,4} \lor \neg t_{e_{1,4},\, \neg e_{2,4}} \lor \neg t_{e_{1,4},\, e_{2,4}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,4} \lor \neg t_{e_{1,4},\, \neg e_{2,4}} \lor \neg t_{e_{1,4},\, e_{2,4}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,4} \lor \neg t_{e_{1,4},\, \neg e_{2,4}} \lor \neg t_{e_{1,4},\, e_{2,4}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,4} \lor \neg t_{e_{1,4},\, e_{2,4}} \lor \neg t_{e_{1,4},\,$$

3239.
$$t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,4}, e_{2,4}}, e_{1,4} \lor \neg t_{e_{1,4}, e_{2,4}} \lor e_{2,4} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,4} \lor e_{2,4}$$

$$3240. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{2,3} \lor t_{e_{1,2}, \lnot e_{1,3}} \vdash \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$3241. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot t_{\lnot e_{1,3}, \lnot e_{2,3}} \lor \lnot e_{2,3} \lor \lnot t_{e_{1,3}, \lnot e_{2,3}} \vdash \lnot t_{\lnot e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,3}, \lnot e_{2,3}} \lor \lnot t_{e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,3}, \lnot e_{2,3}} \lor \lnot t_{e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,3}, \lnot e_{2,3}}$$

$$3242. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot e_{2,3} \lor \lnot t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, \lnot e_{2,3}} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, \lnot e$$

$$3243. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot t_{\lnot e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,3}, \lnot e_{2,3}} \lor \lnot e_{2,3} \vdash \lnot t_{\lnot e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,3}, \lnot e_{2,3}} \lor t_{$$

$$3244. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot e_{1,2} \lor \lnot e_{2,3} \lor \lnot e_{2,6} \vdash \lnot e_{1,2} \lor t_{e_{1,3}, \lnot e_{2,3}} \lor \lnot e_{2,6}$$

3245.
$$e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg e_{3,5} \vdash \neg e_{1,3} \lor t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{3,5}$$

$$3246. \ e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, t_{e_{1,2}, e_{1,3}} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \lor \neg$$

$$3247. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot e_{2,3} \lor \lnot t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, \lnot e_{1,3}} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, \lnot e_{1,3}} \lor t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, \lnot e$$

$$3248. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, e_{3,5} \lor \lnot e_{2,3} \lor e_{1,3} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor e_{3,5} \lor e_{1,3}$$

3249.
$$e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor \neg e_{3,6} \lor \neg e_{2,3} \vdash \neg e_{1,3} \lor \neg e_{3,6} \lor t_{e_{1,3}, \neg e_{2,3}}$$

$$3250. \ e_{2,3} \vee t_{e_{1,3},\, \neg e_{2,3}}, \neg e_{2,3} \vee e_{1,2} \vee e_{2,6} \vdash t_{e_{1,3},\, \neg e_{2,3}} \vee e_{1,2} \vee e_{2,6}$$

$$3251. \ e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2},$$

$$3252. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot e_{2,3} \lor \lnot t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e_{2,3}} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e_{2,3}} \lor t_{\lnot e_$$

$$3253. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot e_{2,3} \lor t_{\lnot e_{1,2}, e_{1,3}} \lor \lnot t_{\lnot e_{1,2}, \lnot e_{2,3}} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e_{1,3}} \lor \lnot t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e_{1,3}} \lor \lnot t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e_{1,3}} \lor \lnot t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e_{1,3}} \lor \lnot t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e_{1,3}} \lor \lnot t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e_{1,3}} \lor \lnot t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e_{1,3}} \lor \lnot t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e_{1,3}} \lor \lnot t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e_{1,3}} \lor t_{\lnot$$

$$3254. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot e_{2,3} \lor \lnot e_{3,5} \lor e_{1,3} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor \lnot e_{3,5} \lor e_{1,3}$$

$$3255. \ e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \vdash \neg t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3},$$

$$3256. \ e_{2,3} \lor t_{e_{1,3}, \, \neg e_{2,3}}, \neg e_{2,3} \lor e_{2,5} \lor e_{1,2} \vdash t_{e_{1,3}, \, \neg e_{2,3}} \lor e_{2,5} \lor e_{1,2}$$

$$3257. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot t_{\lnot e_{1,3}, \lnot e_{2,3}} \lor \lnot e_{2,3} \lor e_{1,2} \vdash \lnot t_{\lnot e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,3}, \lnot e_{2,3}} \lor e_{1,2}$$

3258.
$$e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, \neg e_{1,3} \lor e_{3,5} \lor \neg e_{2,3} \vdash \neg e_{1,3} \lor t_{e_{1,3}, \neg e_{2,3}} \lor e_{3,5}$$

3259.
$$e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor \neg e_{2,6} \lor e_{1,2} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,6} \lor e_{1,2}$$

3260.
$$e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor e_{3,6} \lor e_{1,3} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor e_{3,6} \lor e_{1,3}$$

$$3261. \ e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$3262. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot e_{1,3} \lor \lnot e_{2,3} \lor e_{3,6} \vdash \lnot e_{1,3} \lor t_{e_{1,3}, \lnot e_{2,3}} \lor e_{3,6}$$

$$3263. \ e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,3}, e_{2,3}} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, e_{2,3}} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \lor \neg$$

$$3264. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot e_{2,3} \lor \lnot t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor e_{1,3}$$

$$3265. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot e_{1,2} \lor \lnot e_{2,3} \lor \lnot e_{2,5} \vdash \lnot e_{1,2} \lor t_{e_{1,3}, \lnot e_{2,3}} \lor \lnot e_{2,5}$$

$$3266. \ \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot t_{\lnot e_{1,3}, \lnot e_{2,3}} \lor \lnot e_{2,3} \lor t_{\lnot e_{1,2}, \lnot e_{1,3}} \vdash \lnot t_{\lnot e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, \lnot e_{1,3}}$$

$$3267. \ e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,3}, \neg e$$

$$3268. \ e_{2,3} \lor t_{e_{1,3}, \, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor e_{2,5} \vdash \neg e_{1,2} \lor t_{e_{1,3}, \, \neg e_{2,3}} \lor e_{2,5}$$

3269.
$$e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, \neg e_{3,6} \lor \neg e_{2,3} \lor e_{1,3} \vdash \neg e_{3,6} \lor t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}$$

$$3270. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot t_{\lnot e_{1,3}, \lnot e_{2,3}} \lor \lnot e_{2,3} \lor t_{\lnot e_{1,3}, e_{2,3}} \vdash \lnot t_{\lnot e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,3}, e_{2,3}} \lor t_{\lnot e_$$

$$3271. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{2,3} \lor \lnot t_{\lnot e_{1,2}, \lnot e_{2,3}} \vdash \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,3}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,2}, \lnot e_{2,3}} \lor t_{$$

3272.
$$e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor e_{2,6} \vdash \neg e_{1,2} \lor t_{e_{1,3}, \neg e_{2,3}} \lor e_{2,6}$$

$$3273. \ e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}} \lor t_$$

3274.
$$e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor \neg e_{2,5} \lor e_{1,2} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,5} \lor e_{1,2}$$

$$3275. \ e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, \neg e_{2,3}}$$

3276.
$$e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg e_{2,6} \vdash \neg e_{2,6} \lor t_{e_{1,3}, \neg e_{2,3}}$$

$$3277. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, t_{e_{1,3}, \lnot e_{2,3}} \lor \lnot e_{2,3} \lor \lnot e_{2,5} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor \lnot e_{2,5}$$

3278.
$$e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor e_{2,5} \vdash e_{2,5} \lor t_{e_{1,3}, \neg e_{2,3}}$$

3279.
$$e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor e_{2,6} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor e_{2,6}$$

$$3280. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot e_{1,2} \lor \lnot e_{2,3} \lor t_{e_{1,6}, \lnot e_{2,6}} \vdash \lnot e_{1,2} \lor t_{e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,6}, \lnot e_{2,6}}$$

$$3281. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot e_{2,3} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor e_{1,2} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor e_{1,2}$$

3282.
$$e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,3}, \neg e_{2,3}}$$

$$3283. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot e_{1,2} \lor \lnot e_{2,3} \lor t_{e_{1,2}, \lnot e_{1,3}} \vdash \lnot e_{1,2} \lor t_{e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$3284. \ e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}}$$

3285.
$$e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$3286. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot e_{2,3} \lor t_{e_{1,2}, e_{2,3}} \lor \lnot e_{3,5} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,2}, e_{2,3}} \lor \lnot e_{3,5}$$

$$3287. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot e_{3,6} \lor \lnot e_{2,3} \lor t_{e_{1,2}, e_{2,3}} \vdash \lnot e_{3,6} \lor t_{e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

3288.
$$e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, e_{3,5} \lor \neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor e_{3,5} \lor t_{e_{1,2}, e_{2,3}}$$

$$3289. \ e_{2,3} \lor t_{e_{1,3}, \, \neg e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,2}, \, e_{2,3}} \lor e_{3,6} \vdash t_{e_{1,3}, \, \neg e_{2,3}} \lor t_{e_{1,2}, \, e_{2,3}} \lor e_{3,6}$$

$$3290. \ \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot e_{1,2} \lor \lnot e_{2,3} \lor t_{\lnot e_{1,2}, e_{1,3}} \vdash \lnot e_{1,2} \lor t_{e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e_{1,3}}$$

3291.
$$e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,2} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,2}$$

$$3292. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, t_{e_{1,3}, \lnot e_{2,3}} \lor \lnot e_{2,3} \lor t_{\lnot e_{1,2}, e_{1,3}} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e_{1,3}}$$

$$3293. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot e_{1,2} \lor \lnot e_{2,3} \lor t_{\lnot e_{1,2}, \lnot e_{1,3}} \vdash \lnot e_{1,2} \lor t_{e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, \lnot e_{1,3}}$$

$$3294. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot e_{2,3} \lor t_{\lnot e_{1,2}, \lnot e_{1,3}} \lor e_{1,2} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, \lnot e_{1,3}} \lor e_{1,2}$$

$$3295. \ e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

3296.
$$e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}} \lor \neg e_{3,5} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor \neg e_{3,5}$$

$$3297. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot e_{3,6} \lor \lnot e_{2,3} \lor t_{\lnot e_{1,3}, e_{2,3}} \vdash \lnot e_{3,6} \lor t_{e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,3}, e_{2,3}}$$

3298.
$$e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, e_{3,5} \lor \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor e_{3,5} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$3299. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot e_{2,3} \lor t_{\lnot e_{1,3}, e_{2,3}} \lor e_{3,6} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,3}, e_{2,3}} \lor e_{3,6}$$

$$3300. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{2,3} \lor e_{1,2} \vdash \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,3}, \lnot e_{2,3}} \lor e_{1,2}$$

$$3301. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot e_{2,3} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}} \lor \lnot e_{2,6} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}} \lor \lnot e_{2,6}$$

$$3302. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot t_{\lnot e_{1,3}, \lnot e_{2,3}} \lor \lnot e_{2,3} \lor e_{1,2} \vdash \lnot t_{\lnot e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,3}, \lnot e_{2,3}} \lor e_{1,2}$$

3303.
$$e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg e_{2,5} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg e_{2,5}$$

$$3304. \ \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot e_{2,3} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}} \lor e_{2,5} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}} \lor e_{2,5}$$

3305.
$$e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,6} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,6}$$

$$3306. \ e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{1,2}, \neg e_{1,3}}$$

3307.
$$e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor e_{1,2} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,2}$$

$$3308. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, t_{\lnot e_{1,2}, e_{1,3}} \lor \lnot e_{2,3} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e_{1,3}} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}}, t_{\lnot e_{1,2}, \lnot e_{1,3}} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}}, t_{\lnot e_{1,2}, \lnot$$

$$3309. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot e_{2,3} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}} \lor t_{\lnot e_{1,2}, \lnot e_{1,3}} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}} \lor t_{\lnot e_{1,2}, \lnot e_{1,$$

3310.
$$e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,5}, \neg e_{2,5}} \lor \neg e_{2,3} \vdash \neg e_{1,2} \lor t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,3}, \neg e_{2,3}}$$

3311.
$$e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, t_{e_{1,5}, \neg e_{2,5}} \lor \neg e_{2,3} \lor e_{1,2} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,2}$$

3312.
$$e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,3}, \neg e_{2,3}}$$

$$3313. \ e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, t_{e_{1,5}, \neg e_{2,5}} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}}$$

3314.
$$e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \lor e_{1,5} \lor \neg e_{2,3} \vdash \neg e_{1,2} \lor e_{1,5} \lor t_{e_{1,3}, \neg e_{2,3}}$$

3315.
$$e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, e_{1,5} \lor \neg e_{2,3} \lor e_{1,2} \vdash e_{1,5} \lor t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,2}$$

3316.
$$e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, e_{1,5} \lor t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \vdash e_{1,5} \lor t_{e_{1,3}, \neg e_{2,3}}$$

3317.
$$e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, e_{1,5} \lor \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,5} \lor t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}}$$

3318.
$$e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor \neg e_{3,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{3,5} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$3319. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot e_{3,6} \lor \lnot e_{2,3} \lor t_{\lnot e_{1,2}, e_{2,3}} \vdash \lnot e_{3,6} \lor t_{e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e_{2,3}}$$

$$3320. \ e_{2,3} \lor t_{e_{1,3}, \, \neg e_{2,3}}, e_{3,5} \lor \neg e_{2,3} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash t_{e_{1,3}, \, \neg e_{2,3}} \lor e_{3,5} \lor t_{\neg e_{1,2}, \, e_{2,3}}$$

$$3321. \ e_{2,3} \lor t_{e_{1,3}, \, \neg e_{2,3}}, \neg e_{2,3} \lor e_{3,6} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash t_{e_{1,3}, \, \neg e_{2,3}} \lor e_{3,6} \lor t_{\neg e_{1,2}, \, e_{2,3}}$$

$$3322. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot e_{2,3} \lor \lnot e_{3,5} \lor t_{e_{1,2}, \lnot e_{1,3}} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor \lnot e_{3,5} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$3323. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot e_{3,6} \lor \lnot e_{2,3} \lor t_{e_{1,2}, \lnot e_{1,3}} \vdash \lnot e_{3,6} \lor t_{e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$3324. \ e_{2,3} \lor t_{e_{1,3}, \, \neg e_{2,3}}, e_{3,5} \lor \neg e_{2,3} \lor t_{e_{1,2}, \, \neg e_{1,3}} \vdash t_{e_{1,3}, \, \neg e_{2,3}} \lor e_{3,5} \lor t_{e_{1,2}, \, \neg e_{1,3}}$$

3325.
$$e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor e_{3,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor e_{3,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$3326. \ e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \lor \neg e_{2,3} \vdash \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,3}, \neg e_{2,3}}$$

$$3327. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, t_{e_{1,2}, e_{1,3}} \lor \lnot e_{2,3} \lor e_{1,2} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,3}, \lnot e_{2,3}} \lor e_{1,2}$$

3328.
$$e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,3}, \neg e_{2,3}}$$

$$3329. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, t_{e_{1,2}, e_{1,3}} \lor \lnot e_{2,3} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,3}, \lnot e_{2,3}} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}}, t_{e_{1,2}, \lnot e_{1,3}} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}}, t_{e_{1,2}, \lnot e_{1,3}} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}}, t_{e_{1,2},$$

$$3330. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot e_{1,2} \lor \lnot e_{2,3} \lor \lnot t_{\lnot e_{1,5}, \, e_{2,5}} \vdash \lnot e_{1,2} \lor t_{e_{1,3}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,5}, \, e_{2,5}}$$

$$3331. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot e_{2,3} \lor \lnot t_{\lnot e_{1,5}, e_{2,5}} \lor e_{1,2} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,5}, e_{2,5}} \lor e_{1,2}$$

3332.
$$e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \vdash \neg t_{\neg e_{1,5}, e_{2,5}} \lor t_{e_{1,3}, \neg e_{2,3}}$$

$$3333. \ e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg t_{\neg e_{1,5}, e_{2,5}}$$

3334.
$$e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor e_{1,6} \vdash \neg e_{1,2} \lor t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,6}$$

3335.
$$e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor e_{1,6} \lor e_{1,2} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,6} \lor e_{1,2}$$

3336.
$$e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor e_{1,6} \vdash e_{1,6} \lor t_{e_{1,3}, \neg e_{2,3}}$$

3337.
$$e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{1,6} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{1,6}$$

$$3338. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot e_{1,2} \lor \lnot e_{2,3} \lor \lnot t_{\lnot e_{1,6}, e_{2,6}} \vdash \lnot e_{1,2} \lor t_{e_{1,3}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,6}, e_{2,6}}$$

3339.
$$e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor e_{1,2} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,2} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

$$3340. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, t_{e_{1,3}, \lnot e_{2,3}} \lor \lnot e_{2,3} \lor \lnot t_{\lnot e_{1,6}, e_{2,6}} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,6}, e_{2,6}}$$

$$3341. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot e_{2,3} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}} \lor \lnot t_{\lnot e_{1,6}, e_{2,6}} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}} \lor \lnot t_{\lnot e_{1,6}, e_{2,6}} \lor t_{\lnot$$

3342.
$$e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}} \lor \neg e_{2,6} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor \neg e_{2,6}$$

$$3343. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot e_{2,3} \lor t_{\lnot e_{1,3}, e_{2,3}} \lor \lnot e_{2,5} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,3}, e_{2,3}} \lor \lnot e_{2,5}$$

$$3344. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot e_{2,3} \lor t_{\lnot e_{1,3}, e_{2,3}} \lor e_{2,5} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,3}, e_{2,3}} \lor e_{2,5}$$

3345.
$$e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{2,6} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{2,6}$$

$$3346. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot e_{2,3} \lor t_{\lnot e_{1,3}, e_{2,3}} \lor t_{e_{1,6}, \lnot e_{2,6}} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,3}, e_{2,3}} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{e_{1,6}, \lnot e$$

3347.
$$e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$3348. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot e_{2,3} \lor t_{\lnot e_{1,2}, e_{1,3}} \lor t_{\lnot e_{1,3}, e_{2,3}} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e_{1,3}} \lor t_{\lnot e_{1,3}, e_{2,3}} \lor t_{\lnot e_{1,3}, e$$

$$3349. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot e_{2,3} \lor t_{\lnot e_{1,3}, e_{2,3}} \lor t_{\lnot e_{1,2}, \lnot e_{1,3}} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,3}, e_{2,3}} \lor t_{\lnot e_{1,2}, \lnot e_{1,3}}$$

$$3350. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, t_{e_{1,5}, \lnot e_{2,5}} \lor \lnot e_{2,3} \lor t_{\lnot e_{1,3}, e_{2,3}} \vdash t_{e_{1,5}, \lnot e_{2,5}} \lor t_{e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,3}, e_{2,3}}$$

$$3351. \ e_{2,3} \lor t_{e_{1,3}, \, \neg e_{2,3}}, e_{1,5} \lor \neg e_{2,3} \lor t_{\neg e_{1,3}, \, e_{2,3}} \vdash e_{1,5} \lor t_{e_{1,3}, \, \neg e_{2,3}} \lor t_{\neg e_{1,3}, \, e_{2,3}}$$

$$3352. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, t_{e_{1,2}, e_{1,3}} \lor \lnot e_{2,3} \lor t_{\lnot e_{1,3}, e_{2,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,3}, e_{2,3}}$$

$$3353. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot e_{2,3} \lor t_{\lnot e_{1,3}, e_{2,3}} \lor \lnot t_{\lnot e_{1,5}, e_{2,5}} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,3}, e_{2,3}} \lor \lnot t_{\lnot e_{1,5}, e_{2,5}} \lor t_{\lnot e_{1,5$$

$$3354. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot e_{2,3} \lor t_{\lnot e_{1,3}, e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,3}, e_{2,3}} \lor e_{1,6}$$

$$3355. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot e_{2,3} \lor t_{\lnot e_{1,3}, e_{2,3}} \lor \lnot t_{\lnot e_{1,6}, e_{2,6}} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,3}, e_{2,3}} \lor \lnot t_{\lnot e_{1,6}, e_{2,6}} \lor t_{\lnot e_{1,6$$

$$3356. \ e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{2,6} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{2,6}$$

3357.
$$e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor \neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$3358. \ e_{2,3} \lor t_{e_{1,3}, \, \neg e_{2,3}}, \neg e_{2,3} \lor e_{2,5} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash t_{e_{1,3}, \, \neg e_{2,3}} \lor e_{2,5} \lor t_{\neg e_{1,2}, \, e_{2,3}}$$

$$3359. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot e_{2,3} \lor t_{\lnot e_{1,2}, e_{2,3}} \lor e_{2,6} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e_{2,3}} \lor e_{2,6}$$

$$3360. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot e_{2,3} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{1,2}, e_{2,3}} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{1,2}, e_{2,3}}$$

$$3361. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot e_{2,3} \lor t_{\lnot e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$3362. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot e_{2,3} \lor t_{\lnot e_{1,2}, e_{1,3}} \lor t_{\lnot e_{1,2}, e_{2,3}} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e_{1,3}} \lor t_{\lnot e_{1,2}, e_{2,3}}$$

$$3363. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot e_{2,3} \lor t_{\lnot e_{1,2}, \lnot e_{1,3}} \lor t_{\lnot e_{1,2}, e_{2,3}} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, \lnot e_{1,3}} \lor t_{\lnot e_{1,2}, e_{2,3}} \lor t_{\lnot e_{1,2}, \lnot e_{1,3}} \lor t_{\lnot e_{1,2}, e_{2,3}} \lor t_{\lnot e_{1,2}, \lnot e_{1,3}} \lor$$

$$3364. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, t_{e_{1,5}, \lnot e_{2,5}} \lor \lnot e_{2,3} \lor t_{\lnot e_{1,2}, e_{2,3}} \vdash t_{e_{1,5}, \lnot e_{2,5}} \lor t_{e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e_{2,3}}$$

$$3365. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, e_{1,5} \lor \lnot e_{2,3} \lor t_{\lnot e_{1,2}, e_{2,3}} \vdash e_{1,5} \lor t_{e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e_{2,3}}$$

$$3366. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, t_{e_{1,2}, e_{1,3}} \lor \lnot e_{2,3} \lor t_{\lnot e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e_{2,3}}$$

$$3367. \ e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$3368. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot e_{2,3} \lor e_{1,6} \lor t_{\lnot e_{1,2}, e_{2,3}} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor e_{1,6} \lor t_{\lnot e_{1,2}, e_{2,3}}$$

$$3369. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot e_{2,3} \lor t_{\lnot e_{1,2}, e_{2,3}} \lor \lnot t_{\lnot e_{1,6}, e_{2,6}} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e_{2,3}} \lor \lnot t_{\lnot e_{1,6}, e_{2,6}} \lor t_{\lnot e_{1,6$$

$$3370. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{2,3} \lor \lnot e_{2,6} \vdash \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,3}, \lnot e_{2,3}} \lor \lnot e_{2,6}$$

$$3371. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{2,3} \lor \lnot e_{2,5} \vdash \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,3}, \lnot e_{2,3}} \lor \lnot e_{2,5}$$

$$3372. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{2,3} \lor e_{2,5} \vdash \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,3}, \lnot e_{2,3}} \lor e_{2,5}$$

$$3373. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{2,3} \lor e_{2,6} \vdash \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,3}, \lnot e_{2,3}} \lor e_{2,6}$$

$$3374. \ e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,6},$$

$$3375. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{2,3} \lor t_{e_{1,2}, \lnot e_{1,3}} \vdash \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}} \lor t_{e_{1,2},$$

$$3376. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{2,3} \lor t_{\lnot e_{1,2}, e_{1,3}} \vdash \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e_{1,3}} \lor t_{\lnot e_{1,2$$

$$3377. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{2,3} \lor t_{\lnot e_{1,2}, \lnot e_{1,3}} \vdash \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, \lnot e_{1,3}}$$

$$3378. \ e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, t_{e_{1,5}, \neg e_{2,5}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3},$$

$$3379. \ e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, e_{1,5} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \vdash e_{1,5} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}}$$

$$3380. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, t_{e_{1,2}, e_{1,3}} \lor \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{2,3} \vdash t_{e_{1,2}, e_{1,3}} \lor \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,3}, \lnot e$$

$$3381. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{2,3} \lor \lnot t_{\lnot e_{1,5}, e_{2,5}} \vdash \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,3}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,5}, e_{2,5}} \lor t_{\lnot$$

$$3382. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{2,3} \lor e_{1,6} \vdash \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,3}, \lnot e_{2,3}} \lor e_{1,6}$$

$$3383. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{2,3} \lor \lnot t_{\lnot e_{1,6}, e_{2,6}} \vdash \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,3}, \lnot e_{2,3}} \lor \lnot t_{\lnot e_{1,6}, e_{2,6}} \lor t_{\lnot$$

$$3384. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot e_{2,3} \lor t_{\lnot e_{1,2}, e_{1,3}} \lor \lnot e_{2,6} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e_{1,3}} \lor \lnot e_{2,6}$$

$$3385. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot e_{2,3} \lor t_{\lnot e_{1,2}, e_{1,3}} \lor \lnot e_{2,5} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e_{1,3}} \lor \lnot e_{2,5}$$

3386.
$$e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,5} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,5}$$

3387.
$$e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,6} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,6}$$

$$3388. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot e_{2,3} \lor t_{\lnot e_{1,2}, e_{1,3}} \lor t_{e_{1,6}, \lnot e_{2,6}} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e_{1,3}} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{e_{1,6}, \lnot e$$

$$3389. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot e_{2,3} \lor t_{\lnot e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \lnot e_{1,3}} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$3390. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot e_{2,3} \lor t_{\lnot e_{1,2}, e_{1,3}} \lor t_{\lnot e_{1,2}, \lnot e_{1,3}} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e_{1,3}} \lor t_{\lnot e_{1,2}, \lnot e_{1,3}}$$

$$3391. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, t_{e_{1,5}, \lnot e_{2,5}} \lor \lnot e_{2,3} \lor t_{\lnot e_{1,2}, e_{1,3}} \vdash t_{e_{1,5}, \lnot e_{2,5}} \lor t_{e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e_{1,3}}$$

$$3392. \ e_{2,3} \lor t_{e_{1,3}, \, \lnot e_{2,3}}, e_{1,5} \lor \lnot e_{2,3} \lor t_{\lnot e_{1,2}, \, e_{1,3}} \vdash e_{1,5} \lor t_{e_{1,3}, \, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, \, e_{1,3}}$$

$$3393. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, t_{e_{1,2}, e_{1,3}} \lor \lnot e_{2,3} \lor t_{\lnot e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e_{1,3}}$$

$$3394. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot e_{2,3} \lor t_{\lnot e_{1,2}, e_{1,3}} \lor \lnot t_{\lnot e_{1,5}, e_{2,5}} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e_{1,3}} \lor \lnot t_{\lnot e_{1,5}, e_{2,5}} \lor t_{\lnot e_{1,5$$

$$3395. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot e_{2,3} \lor t_{\lnot e_{1,2}, e_{1,3}} \lor e_{1,6} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e_{1,3}} \lor e_{1,6}$$

$$3396. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot e_{2,3} \lor t_{\lnot e_{1,2}, e_{1,3}} \lor \lnot t_{\lnot e_{1,6}, e_{2,6}} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e_{1,3}} \lor \lnot t_{\lnot e_{1,6}, e_{2,6}} \lor t_{\lnot e_{1,6$$

$$3397. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot e_{1,2} \lor \lnot e_{2,3} \lor t_{e_{1,2}, \lnot e_{1,3}} \vdash \lnot e_{1,2} \lor t_{e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

3398.
$$e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}}$$

3399.
$$e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$3400. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot e_{2,3} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}} \lor t_{e_{1,2}, \lnot e_{1,3}} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}} \lor t_{e_{1,2},$$

3401.
$$e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$3402. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot e_{2,3} \lor t_{\lnot e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$3403. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{2,3} \lor t_{e_{1,2}, \lnot e_{1,3}} \vdash \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,2}, \lnot e_{1,3}} \lor t_{e_{1,2},$$

3404.
$$e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$3405. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot e_{2,3} \lor t_{e_{1,2}, e_{2,3}} \lor \lnot e_{3,5} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,2}, e_{2,3}} \lor \lnot e_{3,5}$$

3406.
$$e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, \neg e_{3,6} \lor \neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg e_{3,6} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

$$3407. \ e_{2,3} \lor t_{e_{1,3}, \, \neg e_{2,3}}, e_{3,5} \lor \neg e_{2,3} \lor t_{e_{1,2}, \, e_{2,3}} \vdash t_{e_{1,3}, \, \neg e_{2,3}} \lor e_{3,5} \lor t_{e_{1,2}, \, e_{2,3}}$$

$$3408. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot e_{2,3} \lor t_{e_{1,2}, e_{2,3}} \lor e_{3,6} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{3,6}$$

$$3409. \ e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}} \lor \neg e_{2,3} \vdash \neg e_{1,2} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{1,3}}$$

3410.
$$e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,2} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,2}$$

3411.
$$e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{1,3}}$$

$$3412. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot e_{2,3} \lor t_{\lnot e_{1,2}, e_{1,3}} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e_{1,3}} \lor \lnot t_{e_{1,2}, \lnot e_{1,3}}$$

$$3413. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot e_{2,3} \lor t_{\lnot e_{1,2}, e_{1,3}} \lor t_{\lnot e_{1,3}, e_{2,3}} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e_{1,3}} \lor t_{\lnot e_{1,3}, e_{2,3}}$$

$$3414. \ e_{2,3} \lor t_{e_{1,3}, \neg e_{2,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$3415. \ e_{2,3} \lor t_{e_{1,3}, \lnot e_{2,3}}, \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor \lnot e_{2,3} \lor t_{\lnot e_{1,2}, e_{1,3}} \vdash \lnot t_{e_{1,2}, \lnot e_{2,3}} \lor t_{e_{1,3}, \lnot e_{2,3}} \lor t_{\lnot e_{1,2}, e_{1,3}} \lor t_{\lnot e_{1,2$$

$$3416. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$3417. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \vdash \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,$$

$$3418. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg e_{2,3} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,$$

$$3419. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,3},\,\neg e_{2,3}} \lor \neg e_{2,3} \vdash \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,3},\,\neg e_{2,$$

3420.
$$e_{2,3} \lor t_{e_{1,2}, e_{1,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg e_{2,6} \vdash \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \lor \neg e_{2,6}$$

3421.
$$e_{2,3} \lor t_{e_{1,2}, e_{1,3}}, \neg t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

3422.
$$e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg e_{3,5} \vdash \neg e_{1,3} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg e_{3,5}$$

3423.
$$e_{2,3} \lor t_{e_{1,2}, e_{1,3}}, t_{e_{1,2}, e_{1,3}} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \vdash \neg t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{1,3}}$$

$$3424. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg e_{2,3} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{$$

$$3425. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{2,3}$$

3426.
$$e_{2,3} \lor t_{e_{1,2}, e_{1,3}}, e_{3,5} \lor \neg e_{2,3} \lor e_{1,3} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{3,5} \lor e_{1,3}$$

3427.
$$e_{2,3} \lor t_{e_{1,2}, e_{1,3}}, \neg e_{1,3} \lor \neg e_{3,6} \lor \neg e_{2,3} \vdash \neg e_{1,3} \lor t_{e_{1,2}, e_{1,3}} \lor \neg e_{3,6}$$

3428.
$$e_{2,3} \lor t_{e_{1,2},e_{1,3}}, \neg e_{2,3} \lor e_{1,2} \lor e_{2,6} \vdash t_{e_{1,2},e_{1,3}} \lor e_{1,2} \lor e_{2,6}$$

$$3429. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2},\,\neg e_{2,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e$$

$$3430. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg e_{2,3} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2$$

3431.
$$e_{2,3} \lor t_{e_{1,2},e_{1,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2},e_{1,3}} \lor \neg t_{\neg e_{1,2},\neg e_{2,3}} \vdash t_{e_{1,2},e_{1,3}} \lor t_{\neg e_{1,2},e_{1,3}} \lor \neg t_{\neg e_{1,2},\neg e_{2,3}}$$

3432.
$$e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg e_{2,3} \lor \neg e_{3,5} \lor e_{1,3} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg e_{3,5} \lor e_{1,3}$$

$$3433. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \lor \neg$$

3434.
$$e_{2,3} \lor t_{e_{1,2},e_{1,3}}, \neg e_{2,3} \lor e_{2,5} \lor e_{1,2} \vdash t_{e_{1,2},e_{1,3}} \lor e_{2,5} \lor e_{1,2}$$

3435.
$$e_{2,3} \lor t_{e_{1,2},e_{1,3}}, \neg t_{\neg e_{1,3},\neg e_{2,3}} \lor \neg e_{2,3} \lor e_{1,2} \vdash \neg t_{\neg e_{1,3},\neg e_{2,3}} \lor t_{e_{1,2},e_{1,3}} \lor e_{1,2}$$

3436.
$$e_{2,3} \lor t_{e_{1,2}, e_{1,3}}, \neg e_{1,3} \lor e_{3,5} \lor \neg e_{2,3} \vdash \neg e_{1,3} \lor t_{e_{1,2}, e_{1,3}} \lor e_{3,5}$$

3437.
$$e_{2,3} \lor t_{e_{1,2},e_{1,3}}, \neg e_{2,3} \lor \neg e_{2,6} \lor e_{1,2} \vdash t_{e_{1,2},e_{1,3}} \lor \neg e_{2,6} \lor e_{1,2}$$

3438.
$$e_{2,3} \lor t_{e_{1,2}, e_{1,3}}, \neg e_{2,3} \lor e_{3,6} \lor e_{1,3} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{3,6} \lor e_{1,3}$$

$$3439. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},$$

3440.
$$e_{2,3} \lor t_{e_{1,2}, e_{1,3}}, \neg e_{1,3} \lor \neg e_{2,3} \lor e_{3,6} \vdash \neg e_{1,3} \lor t_{e_{1,2}, e_{1,3}} \lor e_{3,6}$$

3441.
$$e_{2,3} \lor t_{e_{1,2}, e_{1,3}}, t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, e_{1,3}} \lor e_{1,2} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$3442. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,2},\,e_{2,3}} \lor e_{1,3} \lor e_{2,3}$$

$$3443. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg e_{2,3} \lor t_{e_{1,3},\,e_{2,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor \neg t_{e_{1,3},\,e_{$$

3444.
$$e_{2,3} \lor t_{e_{1,2}, e_{1,3}}, \neg e_{2,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

$$3445. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg e_{2,5} \vdash \neg e_{1,2} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg e_{2,5}$$

$$3446. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \vdash \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,$$

3447.
$$e_{2,3} \lor t_{e_{1,2}, e_{1,3}}, t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}}$$

3448.
$$e_{2,3} \lor t_{e_{1,2},e_{1,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor e_{2,5} \vdash \neg e_{1,2} \lor t_{e_{1,2},e_{1,3}} \lor e_{2,5}$$

3449.
$$e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg e_{3,6} \lor \neg e_{2,3} \lor e_{1,3} \vdash \neg e_{3,6} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{1,3}$$

$$3450. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,3} \vdash \neg t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,3} \lor e_{2,3}$$

$$3451. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,3},\,e_{2,3}} \vdash \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,3$$

$$3452. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg$$

3453.
$$e_{2,3} \lor t_{e_{1,2}, e_{1,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor e_{2,6} \vdash \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \lor e_{2,6}$$

$$3454. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,2},\,e_{1,3}} \lor e_{1,2} \vdash t_{e_{1,3},\,\neg e_{2,3}} \lor e_{2,3} \lor e_{1,2}$$

$$3455. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2},\,e_{2,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg e_{2,3} \lor$$

3456.
$$e_{2,3} \lor t_{e_{1,2}, e_{1,3}}, \neg t_{e_{1,2}, e_{1,3}} \lor e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,3} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$3457. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2}$$

3458.
$$e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg e_{2,3} \lor \neg e_{2,5} \lor e_{1,2} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg e_{2,5} \lor e_{1,2}$$

$$3459. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \lor \neg$$

$$3460. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg e_{2,3} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor \neg e_{2,6}$$

3461.
$$e_{2,3} \lor t_{e_{1,2},e_{1,3}}, t_{e_{1,3},\neg e_{2,3}} \lor \neg e_{2,3} \lor \neg e_{2,5} \vdash t_{e_{1,2},e_{1,3}} \lor t_{e_{1,3},\neg e_{2,3}} \lor \neg e_{2,5}$$

$$3462. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg e_{2,3} \lor e_{2,5} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor e_{2,5}$$

3463.
$$e_{2,3} \lor t_{e_{1,2}, e_{1,3}}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor e_{2,6} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor e_{2,6}$$

$$3464. \ e_{2,3} \lor t_{e_{1,2}, e_{1,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,6}, \neg e_{2,6}}$$

$$3465. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg e_{2,3} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor e_{1,2} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor e_{1,2}$$

$$3466. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,6},\,\neg e_{2,6}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor t_{e_{1,6},\,\neg e_{2,$$

$$3467. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash \neg e_{1,2} \lor t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

3468.
$$e_{2,3} \lor t_{e_{1,2}, e_{1,3}}, \neg e_{2,3} \lor e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$3469. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

3470.
$$e_{2,3} \lor t_{e_{1,2}, e_{1,3}}, \neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}} \lor \neg e_{3,5} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, e_{2,3}} \lor \neg e_{3,5}$$

3471.
$$e_{2,3} \lor t_{e_{1,2},e_{1,3}}, \neg e_{3,6} \lor \neg e_{2,3} \lor t_{e_{1,2},e_{2,3}} \vdash \neg e_{3,6} \lor t_{e_{1,2},e_{1,3}} \lor t_{e_{1,2},e_{2,3}}$$

$$3472. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, e_{3,5} \lor \neg e_{2,3} \lor t_{e_{1,2},\,e_{2,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor e_{3,5} \lor t_{e_{1,2},\,e_{2,3}}$$

3473.
$$e_{2,3} \lor t_{e_{1,2}, e_{1,3}}, \neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}} \lor e_{3,6} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{3,6}$$

$$3474. \ e_{2,3} \lor t_{e_{1,2},e_{1,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor t_{\neg e_{1,2},e_{1,3}} \vdash \neg e_{1,2} \lor t_{e_{1,2},e_{1,3}} \lor t_{\neg e_{1,2},e_{1,3}}$$

3475.
$$e_{2,3} \lor t_{e_{1,2}, e_{1,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,2} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,2}$$

$$3476. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,2},\,e_{1,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{1,3}}$$

3477.
$$e_{2,3} \lor t_{e_{1,2},e_{1,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor t_{\neg e_{1,2},\neg e_{1,3}} \vdash \neg e_{1,2} \lor t_{e_{1,2},e_{1,3}} \lor t_{\neg e_{1,2},\neg e_{1,3}}$$

$$3478. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{1,2} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{1,2}$$

$$3479. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}}$$

3480.
$$e_{2,3} \lor t_{e_{1,2}, e_{1,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}} \lor \neg e_{3,5} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor \neg e_{3,5}$$

3481.
$$e_{2,3} \lor t_{e_{1,2}, e_{1,3}}, \neg e_{3,6} \lor \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash \neg e_{3,6} \lor t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

3482.
$$e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, e_{3,5} \lor \neg e_{2,3} \lor t_{\neg e_{1,3},\,e_{2,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor e_{3,5} \lor t_{\neg e_{1,3},\,e_{2,3}}$$

3483.
$$e_{2,3} \lor t_{e_{1,2}, e_{1,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{3,6} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{3,6}$$

$$3484. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,3} \lor e_{1,2} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,2}$$

3485.
$$e_{2,3} \lor t_{e_{1,2}, e_{1,3}}, \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg e_{2,6}$$

$$3486. \ \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor \neg e_{2,3} \lor e_{1,2} \vdash \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{1,2}$$

$$3487. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg e_{2,3} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg e_{2,5} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg e_{2,5}$$

$$3488. \ \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg e_{2,3} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,5} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,5}$$

3489.
$$e_{2,3} \lor t_{e_{1,2}, e_{1,3}}, \neg e_{2,3} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,6} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{2,6}$$

3490.
$$e_{2,3} \lor t_{e_{1,2}, e_{1,3}}, \neg t_{e_{1,2}, e_{1,3}} \lor e_{1,3} \lor e_{1,2} \vdash e_{1,3} \lor e_{2,3} \lor e_{1,2}$$

$$3491. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg e_{2,3} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}}$$

$$3492. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg e_{2,3} \lor e_{1,2} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,2}$$

$$3493. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, t_{\neg e_{1,2},\,e_{1,3}} \lor \neg e_{2,3} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg$$

$$3494. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg e_{2,3} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}}$$

3495.
$$e_{2,3} \lor t_{e_{1,2},e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,5},\neg e_{2,5}} \lor \neg e_{2,3} \vdash \neg e_{1,2} \lor t_{e_{1,2},e_{1,3}} \lor t_{e_{1,5},\neg e_{2,5}}$$

$$3496. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, t_{e_{1,5},\,\neg e_{2,5}} \lor \neg e_{2,3} \lor e_{1,2} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,\neg e_{2,5}} \lor e_{1,2}$$

$$3497. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, t_{e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor \neg e_{2,3} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,3},\,\neg e_{2,3}}$$

$$3498. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, t_{e_{1,5},\,\neg e_{2,5}} \lor \neg e_{2,3} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,\neg e_{2,5}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}}$$

3499.
$$e_{2,3} \lor t_{e_{1,2}, e_{1,3}}, \neg e_{1,2} \lor e_{1,5} \lor \neg e_{2,3} \vdash \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \lor e_{1,5}$$

3500.
$$e_{2,3} \lor t_{e_{1,2}, e_{1,3}}, e_{1,5} \lor \neg e_{2,3} \lor e_{1,2} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{1,5} \lor e_{1,2}$$

3501.
$$e_{2,3} \lor t_{e_{1,2}, e_{1,3}}, e_{1,5} \lor t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{1,5} \lor t_{e_{1,3}, \neg e_{2,3}}$$

3502.
$$e_{2,3} \lor t_{e_{1,2},e_{1,3}}, e_{1,5} \lor \neg e_{2,3} \lor \neg t_{e_{1,2},\neg e_{1,3}} \vdash t_{e_{1,2},e_{1,3}} \lor e_{1,5} \lor \neg t_{e_{1,2},\neg e_{1,3}}$$

$$3503. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg e_{2,3} \lor \neg e_{3,5} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg e_{3,5} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

3504.
$$e_{2,3} \lor t_{e_{1,2}, e_{1,3}}, \neg e_{3,6} \lor \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{3,6} \lor t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$3505. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, e_{3,5} \lor \neg e_{2,3} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor e_{3,5} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

3506.
$$e_{2,3} \lor t_{e_{1,2}, e_{1,3}}, \neg e_{2,3} \lor e_{3,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{3,6} \lor t_{\neg e_{1,2}, e_{2,3}}$$

3507.
$$e_{2,3} \lor t_{e_{1,2}, e_{1,3}}, \neg e_{2,3} \lor \neg e_{3,5} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg e_{3,5} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$3508. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg e_{3,6} \lor \neg e_{2,3} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash \neg e_{3,6} \lor t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$3509. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, e_{3,5} \lor \neg e_{2,3} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor e_{3,5} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$3510. \ \ e_{2,3} \lor t_{e_{1,2},\, e_{1,3}}, \neg e_{2,3} \lor e_{3,6} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor e_{3,6} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

3511.
$$e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg e_{1,2} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg e_{2,3} \vdash \neg e_{1,2} \lor t_{e_{1,2},\,e_{1,3}}$$

3512.
$$e_{2,3} \lor t_{e_{1,2}, e_{1,3}}, t_{e_{1,2}, e_{1,3}} \lor \neg e_{2,3} \lor e_{1,2} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{1,2}$$

3513.
$$e_{2,3} \lor t_{e_{1,2}, e_{1,3}}, t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,3}, \neg e_{2,3}}$$

$$3514. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, t_{e_{1,2},\,e_{1,3}} \lor \neg e_{2,3} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}}$$

$$3515. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,5},\,e_{2,5}} \vdash \neg e_{1,2} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,5},\,e_{2,5}}$$

3516.
$$e_{2,3} \lor t_{e_{1,2}, e_{1,3}}, \neg e_{2,3} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{1,2} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{1,2}$$

$$3517. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,5},\,e_{2,5}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,5},\,e_{2,5}}$$

$$3518. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg e_{2,3} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{\neg e_{1,5},\,e_{2,5}} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{\neg e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{1,5},\,e_{2,5}}$$

3519.
$$e_{2,3} \lor t_{e_{1,2}, e_{1,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor e_{1,6} \vdash \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \lor e_{1,6}$$

3520.
$$e_{2,3} \lor t_{e_{1,2}, e_{1,3}}, \neg e_{2,3} \lor e_{1,6} \lor e_{1,2} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{1,6} \lor e_{1,2}$$

$$3521. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg e_{2,3} \lor e_{1,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,6}$$

$$3522. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg e_{2,3} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{1,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{1,6}$$

$$3523. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \vdash \neg e_{1,2} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}}$$

$$3524. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg e_{2,3} \lor e_{1,2} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \vdash t_{e_{1,2},\,e_{1,3}} \lor e_{1,2} \lor \neg t_{\neg e_{1,6},\,e_{2,6}}$$

$$3525. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}}$$

$$3526. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg e_{2,3} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}}$$

$$3527. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor \neg e_{2,6}$$

$$3528. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor \neg e_{2,5} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor \neg e_{2,5}$$

3529.
$$e_{2,3} \lor t_{e_{1,2}, e_{1,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{2,5} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{2,5}$$

$$3530. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor e_{2,6}$$

$$3531. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,6},\,\neg e_{2,6}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,6},\,\neg e_{2,6}}$$

$$3532. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

3533.
$$e_{2,3} \lor t_{e_{1,2},e_{1,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2},e_{1,3}} \lor t_{\neg e_{1,3},e_{2,3}} \vdash t_{e_{1,2},e_{1,3}} \lor t_{\neg e_{1,2},e_{1,3}} \lor t_{\neg e_{1,3},e_{2,3}}$$

$$3534. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}}$$

$$3535. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, t_{e_{1,5},\,\neg e_{2,5}} \lor \neg e_{2,3} \lor t_{\neg e_{1,3},\,e_{2,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,\neg e_{2,5}} \lor t_{\neg e_{1,3},\,e_{2,3}}$$

3536.
$$e_{2,3} \lor t_{e_{1,2}, e_{1,3}}, e_{1,5} \lor \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{1,5} \lor t_{\neg e_{1,3}, e_{2,3}}$$

3537.
$$e_{2,3} \lor t_{e_{1,2}, e_{1,3}}, t_{e_{1,2}, e_{1,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$3538. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor \neg t_{\neg e_{1,5},\,e_{2,5}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor \neg t_{\neg e_{1,5},\,e_{2,5}} \lor \neg$$

3539.
$$e_{2,3} \lor t_{e_{1,2}, e_{1,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,6}$$

$$3540. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \lor \neg$$

$$3541. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg e_{2,6}$$

$$3542. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg e_{2,3} \lor \neg e_{2,5} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg e_{2,5} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

3543.
$$e_{2,3} \lor t_{e_{1,2}, e_{1,3}}, \neg e_{2,3} \lor e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}}$$

3544.
$$e_{2,3} \lor t_{e_{1,2}, e_{1,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,6} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,6}$$

$$3545. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg e_{2,3} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$3546. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$3547. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,$$

$$3548. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e$$

$$3549. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, t_{e_{1,5},\,\neg e_{2,5}} \lor \neg e_{2,3} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,\neg e_{2,5}} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$3550. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, e_{1,5} \lor \neg e_{2,3} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor e_{1,5} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$3551. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, t_{e_{1,2},\,e_{1,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$3552. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg e_{2,3} \lor \neg t_{\neg e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$3553. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg e_{2,3} \lor e_{1,6} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor e_{1,6} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$3554. \ \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \lor$$

$$3555. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,3} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,6}$$

3556.
$$e_{2,3} \lor t_{e_{1,2}, e_{1,3}}, \neg t_{e_{1,2}, e_{1,3}} \lor e_{1,3} \lor e_{1,2} \vdash e_{1,3} \lor e_{2,3} \lor e_{1,2}$$

$$3557. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,3} \lor \neg e_{2,5} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,5}$$

3558.
$$e_{2,3} \lor t_{e_{1,2},e_{1,3}}, \neg t_{e_{1,2},\neg e_{2,3}} \lor \neg e_{2,3} \lor e_{2,5} \vdash t_{e_{1,2},e_{1,3}} \lor \neg t_{e_{1,2},\neg e_{2,3}} \lor e_{2,5}$$

$$3559. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,3} \lor e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{2,6}$$

$$3560. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,6},\,\neg e_{2,6}} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor t_{e_{2,6},\,\neg e$$

$$3561. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$3562. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,2},\,e_{1,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{1,3}}$$

$$3563. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}}$$

$$3564. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, t_{e_{1,5},\,\neg e_{2,5}} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,3} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,\neg e_{2,5}} \lor \neg t_{e_{1,2},\,\neg e_{2,3}}$$

$$3565. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, e_{1,5} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,3} \vdash t_{e_{1,2},\,e_{1,3}} \lor e_{1,5} \lor \neg t_{e_{1,2},\,\neg e_{2,3}}$$

3566.
$$e_{2,3} \lor t_{e_{1,2}, e_{1,3}}, t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,3} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}}$$

$$3567. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,5},\,e_{2,5}} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{1,5},\,e_{2,5}}$$

$$3568. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,3} \lor e_{1,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,6}$$

$$3569. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}}$$

3570.
$$e_{2,3} \lor t_{e_{1,2}, e_{1,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{1,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, e_{1,3}} \lor \neg e_{2,6}$$

3571.
$$e_{2,3} \lor t_{e_{1,2},e_{1,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2},e_{1,3}} \lor \neg e_{2,5} \vdash t_{e_{1,2},e_{1,3}} \lor t_{\neg e_{1,2},e_{1,3}} \lor \neg e_{2,5}$$

$$3572. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor e_{2,5} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor e_{2,5}$$

$$3573. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor e_{2,6}$$

$$3574. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,6},\,\neg e_{2,6}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,6},\,\neg e_{2,6}}$$

$$3575. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$3576. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}}$$

$$3577. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, t_{e_{1,5},\,\neg e_{2,5}} \lor \neg e_{2,3} \lor t_{\neg e_{1,2},\,e_{1,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,\neg e_{2,5}} \lor t_{\neg e_{1,2},\,e_{1,3}}$$

$$3578. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, e_{1,5} \lor \neg e_{2,3} \lor t_{\neg e_{1,2},\,e_{1,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor e_{1,5} \lor t_{\neg e_{1,2},\,e_{1,3}}$$

$$3579. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, t_{e_{1,2},\,e_{1,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,2},\,e_{1,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{1,3}}$$

$$3580. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,5},\,e_{2,5}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,5},\,e_{2,5}}$$

3581.
$$e_{2,3} \lor t_{e_{1,2}, e_{1,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,6} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,6}$$

$$3582. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \lor \neg$$

3583.
$$e_{2,3} \lor t_{e_{1,2}, e_{1,3}}, \neg e_{1,2} \lor \neg e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

3584.
$$e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg e_{2,3} \lor e_{1,2} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor e_{1,2} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$3585. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$3586. \ \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg e_{2,3} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,\neg$$

3587.
$$e_{2,3} \lor t_{e_{1,2},e_{1,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3},e_{2,3}} \lor t_{e_{1,2},\neg e_{1,3}} \vdash t_{e_{1,2},e_{1,3}} \lor t_{\neg e_{1,3},e_{2,3}} \lor t_{e_{1,2},\neg e_{1,3}}$$

$$3588. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$3589. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

3590.
$$e_{2,3} \lor t_{e_{1,2},e_{1,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2},e_{1,3}} \lor t_{e_{1,2},\neg e_{1,3}} \vdash t_{e_{1,2},e_{1,3}} \lor t_{\neg e_{1,2},e_{1,3}} \lor t_{e_{1,2},\neg e_{1,3}}$$

3591.
$$e_{2,3} \lor t_{e_{1,2}, e_{1,3}}, \neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}} \lor \neg e_{3,5} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, e_{2,3}} \lor \neg e_{3,5}$$

$$3592. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg e_{3,6} \lor \neg e_{2,3} \lor t_{e_{1,2},\,e_{2,3}} \vdash \neg e_{3,6} \lor t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}}$$

3593.
$$e_{2,3} \lor t_{e_{1,2}, e_{1,3}}, e_{3,5} \lor \neg e_{2,3} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{3,5} \lor t_{e_{1,2}, e_{2,3}}$$

$$3594. \ \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg e_{2,3} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{3,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{3,6}$$

$$3595. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg e_{1,2} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor \neg e_{2,3} \vdash \neg e_{1,2} \lor t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{1,3}}$$

$$3596. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,2} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,2}$$

$$3597. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,2},\,e_{1,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{1,3}}$$

$$3598. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg$$

$$3599. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,3},\,e_{2,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,3},\,e_{2,$$

3600.
$$e_{2,3} \lor t_{e_{1,2}, e_{1,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$3601. \ e_{2,3} \lor t_{e_{1,2},\,e_{1,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,2},\,e_{1,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{1,3}}$$

3602.
$$t_{e_{1,2},e_{1,3}} \lor e_{2,6}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg e_{2,6} \vdash \neg e_{1,2} \lor t_{e_{1,2},e_{1,3}} \lor \neg e_{2,3}$$

$$3603. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,6},\,\neg e_{2,6}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,6},\,\neg e_{2,6}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,6},\,\neg e_{2,6}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,6},\,\neg e_{2,6}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,6},\,\neg e_{2,6}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,6},\,\neg e_{2,6}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,6},\,\neg e_{2,6}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,6},\,\neg e_{2,6}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg e_{2,6} \lor \neg e_{2,6$$

$$3604. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, \neg t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{1,2} \lor e_{2,6}$$

$$3605. \ \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, \neg t_{e_{1,6},\,\neg e_{2,6}} \lor \neg e_{2,6} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$3606. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, \neg t_{e_{1,6},\,\neg e_{2,6}} \lor \neg t_{\neg e_{1,6},\,\neg e_{2,6}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor \neg t_{\neg e_{1,6},\,\neg e_{2,6}} \lor \neg$$

$$3607. \ \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, \neg e_{1,6} \lor \neg e_{5,6} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg e_{1,6} \lor \neg e_{5,6}$$

$$3608. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, \neg t_{e_{1,6},\,\neg e_{2,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \lor$$

3609.
$$t_{e_{1,2}, e_{1,3}} \lor e_{2,6}, \neg t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{2,6}$$

3610.
$$t_{e_{1,2}, e_{1,3}} \lor e_{2,6}, \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$3611. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, t_{e_{1,5},\,e_{2,5}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,e_{2,5}} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$3612. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, \neg e_{2,6} \lor t_{\neg e_{1,5},\,e_{2,5}} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,e_{2,5}} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \lor \neg$$

$$3613. \ \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, \neg e_{1,6} \lor \neg e_{4,6} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg e_{1,6} \lor \neg e_{4,6}$$

$$3614. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$3615. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor \neg e_{2,6} \lor \neg$$

$$3616. \ \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, t_{\neg e_{1,2},\,e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$3617. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, t_{e_{1,2},\,e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$3618. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor e_{1,5} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}}$$

3619.
$$t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, e_{5,6} \lor \neg e_{1,6} \lor \neg e_{2,6} \vdash e_{5,6} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg e_{1,6}$$

$$3620. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, t_{e_{1,5},\,\neg e_{2,5}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,5},\,\neg e_{2,5}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6} \lor \neg$$

$$3621. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}}$$

$$3622. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, t_{\neg e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,6},\,\neg e_{2,6}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,6},\,\neg e_{2,6}} \lor \neg t_{$$

$$3623. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, t_{e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \lor \neg$$

$$3624. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{2,5},\,\neg e_{2,$$

3625.
$$t_{e_{1,2}, e_{1,3}} \lor e_{2,6}, \neg e_{2,3} \lor \neg e_{2,6} \lor e_{1,2} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg e_{2,3} \lor e_{1,2}$$

3626.
$$t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, e_{5,6} \lor e_{1,6} \lor \neg e_{2,6} \vdash e_{5,6} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{1,6}$$

$$3627. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}}$$

3628.
$$t_{e_{1,2},\,e_{1,3}} \vee e_{2,6}, \neg e_{4,6} \vee e_{1,6} \vee \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \vee \neg e_{4,6} \vee e_{1,6}$$

$$3629. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg e_{2,6} \lor e_{2,6}, \neg e_{2,6} \lor e_{2,6} \lor e_{2,6}, \neg e_{2,6} \lor e_{2,6}, \neg e_{2,6} \lor e_{2,6}, \neg e_{2,6} \lor e_{2,6}, \neg e$$

3630.
$$t_{e_{1,2}, e_{1,3}} \lor e_{2,6}, t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, e_{1,3}} \lor e_{1,2} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,2} \lor e_{2,6}$$

$$3631. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, \neg t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,2},\,e_{2,3}} \lor e_{1,3} \lor e_{2,6}$$

3632.
$$t_{e_{1,2},e_{1,3}} \lor e_{2,6}, \neg e_{1,6} \lor e_{4,6} \lor \neg e_{2,6} \vdash t_{e_{1,2},e_{1,3}} \lor \neg e_{1,6} \lor e_{4,6}$$

$$3633. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, t_{\neg e_{1,5},\,\neg e_{2,5}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{2,5}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg e_{2,6} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{2,5}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6$$

$$3634. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, \neg t_{\neg e_{1,6},\,\neg e_{2,6}} \lor \neg e_{2,6} \lor t_{\neg e_{1,6},\,\neg e_{2,6}} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,6},\,\neg e_{2,6}} \lor t_{\neg e_{1,6},\,\neg e_{2,$$

$$3635. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, \neg t_{\neg e_{1,6},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,6},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}}$$

3636.
$$t_{e_{1,2}, e_{1,3}} \lor e_{2,6}, \neg e_{1,2} \lor e_{2,3} \lor \neg e_{2,6} \vdash \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \lor e_{2,3}$$

3637.
$$t_{e_{1,2}, e_{1,3}} \lor e_{2,6}, e_{2,3} \lor \neg e_{2,6} \lor e_{1,2} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

$$3638. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, \neg t_{e_{1,6},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}}$$

$$3639. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,6} \lor e_{2,6}, \neg e_{2,6} \lor e_{2,6} \lor e_{2,6}, \neg e_{2,6} \lor e_{2,6}, \neg e_{2,6} \lor e_{2,6}, \neg e_{2,6} \lor e_{2,6}, \neg e$$

$$3640. \ \ t_{e_{1,2},\, e_{1,3}} \lor e_{2,6}, \neg t_{e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \lor e_{1,3} \vdash \neg t_{\neg e_{1,2},\, e_{1,3}} \lor e_{1,3} \lor e_{2,6}$$

3641.
$$t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, \neg e_{5,6} \lor e_{1,6} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg e_{5,6} \lor e_{1,6}$$

3642.
$$t_{e_{1,2},e_{1,3}} \lor e_{2,6}, t_{e_{1,2},e_{1,3}} \lor \neg t_{\neg e_{1,6},\neg e_{2,6}} \lor \neg e_{2,6} \vdash t_{e_{1,2},e_{1,3}} \lor \neg t_{\neg e_{1,6},\neg e_{2,6}}$$

3643.
$$t_{e_{1,2}, e_{1,3}} \lor e_{2,6}, e_{4,6} \lor e_{1,6} \lor \neg e_{2,6} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{4,6} \lor e_{1,6}$$

$$3644. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, \neg t_{\neg e_{1,6},\,\neg e_{2,6}} \lor \neg e_{2,6} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,6},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$3645. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,2},\,e_{1,3}} \lor e_{1,2} \vdash t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,2} \lor e_{2,6}$$

$$3646. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, t_{e_{1,6},\,\neg e_{2,6}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor \neg$$

3647.
$$t_{e_{1,2},e_{1,3}} \lor e_{2,6}, \neg t_{e_{1,2},e_{1,3}} \lor e_{1,3} \lor t_{e_{1,2},\neg e_{1,3}} \vdash e_{1,3} \lor e_{2,6} \lor t_{e_{1,2},\neg e_{1,3}}$$

3648.
$$t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, \neg t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,3},\,e_{2,3}} \lor e_{1,2} \lor e_{2,6}$$

$$3649. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg e_{2,3} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor \neg e_{2,3}$$

$$3650. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, t_{e_{1,3},\,\neg e_{2,3}} \lor e_{2,3} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor e_{2,3}$$

3651.
$$t_{e_{1,2},e_{1,3}} \lor e_{2,6}, \neg e_{1,2} \lor t_{e_{1,2},\neg e_{2,3}} \lor \neg e_{2,6} \vdash \neg e_{1,2} \lor t_{e_{1,2},e_{1,3}} \lor t_{e_{1,2},\neg e_{2,3}}$$

3652.
$$t_{e_{1,2}, e_{1,3}} \lor e_{2,6}, t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,6} \lor e_{1,2} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$3653. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, t_{e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,$$

3654.
$$t_{e_{1,2},e_{1,3}} \lor e_{2,6}, \neg e_{1,2} \lor t_{e_{1,2},e_{1,3}} \lor \neg e_{2,6} \vdash \neg e_{1,2} \lor t_{e_{1,2},e_{1,3}}$$

3655.
$$t_{e_{1,2}, e_{1,3}} \lor e_{2,6}, t_{e_{1,2}, e_{1,3}} \lor \neg e_{2,6} \lor e_{1,2} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{1,2}$$

3656.
$$t_{e_{1,2},e_{1,3}} \lor e_{2,6}, t_{e_{1,2},e_{1,3}} \lor t_{e_{1,3},\neg e_{2,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2},e_{1,3}} \lor t_{e_{1,3},\neg e_{2,3}}$$

$$3657. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor \neg e_{2,6} \vdash \neg e_{1,2} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}}$$

$$3658. \ \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, e_{2,3} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash t_{e_{1,2},\,e_{1,3}} \lor e_{2,3} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

$$3659. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, \neg t_{\neg e_{1,2},\,e_{2,3}} \lor \neg e_{2,6} \lor e_{1,2} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,2}$$

$$3660. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{2,3} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{2,3}$$

3661.
$$t_{e_{1,2}, e_{1,3}} \lor e_{2,6}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}}$$

$$3662. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, \neg e_{1,2} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor \neg e_{2,6} \vdash \neg e_{1,2} \lor t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{1,3}}$$

3663.
$$t_{e_{1,2}, e_{1,3}} \lor e_{2,6}, t_{\neg e_{1,2}, e_{1,3}} \lor \neg e_{2,6} \lor e_{1,2} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,2}$$

$$3664. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{1,3}}$$

$$3665. \ \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, \neg e_{2,3} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg e_{2,3} \lor \neg t_{e_{1,2},\,\neg e_{1,3}}$$

3666.
$$t_{e_{1,2}, e_{1,3}} \lor e_{2,6}, \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor e_{1,2} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,2}$$

$$3667. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$3668. \ \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, \neg t_{\neg e_{1,6},\,\neg e_{2,6}} \lor \neg e_{2,6} \lor e_{1,2} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,6},\,\neg e_{2,6}} \lor e_{1,2}$$

3669.
$$t_{e_{1,2}, e_{1,3}} \lor e_{2,6}, \neg t_{e_{1,2}, e_{1,3}} \lor e_{1,3} \lor e_{1,2} \vdash e_{1,3} \lor e_{1,2} \lor e_{2,6}$$

$$3670. \ \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg e_{2,6} \lor e_{2,6}, \neg e_{2,6}, \neg e_{2,6} \lor e_{2,6}, \neg e_{2,6} \lor e_{2,6}, \neg e_{2,6},$$

3671.
$$t_{e_{1,2}, e_{1,3}} \lor e_{2,6}, t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}}$$

$$3672. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}}$$

$$3673. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg$$

3674.
$$t_{e_{1,2},e_{1,3}} \lor e_{2,6}, e_{1,5} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,6} \vdash t_{e_{1,2},e_{1,3}} \lor e_{1,5} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}}$$

$$3675. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, \neg e_{5,6} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg e_{5,6} \lor t_{\neg e_{1,2},\,\neg e_{2,3}}$$

$$3676. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, \neg e_{4,6} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg e_{4,6} \lor t_{\neg e_{1,2},\,\neg e_{2,3}}$$

$$3677. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, e_{5,6} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,6} \vdash e_{5,6} \lor t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}}$$

$$3678. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, e_{4,6} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor e_{4,6} \lor t_{\neg e_{1,2},\,\neg e_{2,3}}$$

3679.
$$t_{e_{1,2},e_{1,3}} \lor e_{2,6}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\neg e_{2,6}} \vdash t_{e_{1,2},e_{1,3}} \lor e_{2,5} \lor \neg t_{e_{2,5},\neg e_{2,6}}$$

$$3680. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, \neg e_{1,2} \lor \neg e_{2,6} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash \neg e_{1,2} \lor t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

3681.
$$t_{e_{1,2},e_{1,3}} \lor e_{2,6}, \neg e_{2,6} \lor e_{1,2} \lor t_{e_{1,2},\neg e_{1,3}} \vdash t_{e_{1,2},e_{1,3}} \lor e_{1,2} \lor t_{e_{1,2},\neg e_{1,3}}$$

$$3682. \ \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg e_{2,6} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$3683. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg e_{2,6} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,\neg e$$

3684.
$$t_{e_{1,2},e_{1,3}} \lor e_{2,6}, \neg e_{5,6} \lor t_{\neg e_{1,6},e_{2,6}} \lor \neg e_{2,6} \vdash t_{e_{1,2},e_{1,3}} \lor \neg e_{5,6} \lor t_{\neg e_{1,6},e_{2,6}}$$

$$3685. \ \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, t_{\lnot e_{1,6},\,e_{2,6}} \lor \lnot e_{4,6} \lor \lnot e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\lnot e_{1,6},\,e_{2,6}} \lor \lnot e_{4,6}$$

3686.
$$t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, e_{5,6} \lor t_{\neg e_{1,6},\,e_{2,6}} \lor \neg e_{2,6} \vdash e_{5,6} \lor t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,6},\,e_{2,6}}$$

3687.
$$t_{e_{1,2}, e_{1,3}} \lor e_{2,6}, t_{\neg e_{1,6}, e_{2,6}} \lor e_{4,6} \lor \neg e_{2,6} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,6}, e_{2,6}} \lor e_{4,6}$$

3688.
$$t_{e_{1,2}, e_{1,3}} \lor e_{2,6}, \neg e_{5,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg e_{5,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}$$

$$3689. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, \neg t_{e_{1,6},\,\neg e_{2,6}} \lor \neg e_{4,6} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor \neg e_{4,6}$$

$$3690. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, e_{5,6} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor \neg e_{2,6} \vdash e_{5,6} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}}$$

3691.
$$t_{e_{1,2}, e_{1,3}} \lor e_{2,6}, e_{4,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{4,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}$$

$$3692. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, \neg e_{5,6} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg e_{5,6} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

3693.
$$t_{e_{1,2}, e_{1,3}} \lor e_{2,6}, \neg e_{4,6} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg e_{4,6} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$3694. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, e_{5,6} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg e_{2,6} \vdash e_{5,6} \lor t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

3695.
$$t_{e_{1,2}, e_{1,3}} \lor e_{2,6}, e_{4,6} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{4,6} \lor t_{\neg e_{1,2}, e_{2,3}}$$

3696.
$$t_{e_{1,2}, e_{1,3}} \lor e_{2,6}, \neg e_{5,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg e_{5,6} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$3697. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, \neg e_{4,6} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg e_{4,6} \lor t_{e_{1,2},\,\neg e_{2,3}}$$

$$3698.\ \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, e_{5,6} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,6} \vdash e_{5,6} \lor t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,\neg e_{2,3}}$$

3699.
$$t_{e_{1,2}, e_{1,3}} \lor e_{2,6}, e_{4,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{4,6} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$3700.\ \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, \neg e_{2,3} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,3},\,e_{2,3}}$$

$$3701. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, t_{\neg e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor e_{2,3}$$

$$3702. \ \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{$$

3703.
$$t_{e_{1,2},e_{1,3}} \lor e_{2,6}, t_{e_{1,2},e_{1,3}} \lor t_{\neg e_{1,3},e_{2,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2},e_{1,3}} \lor t_{\neg e_{1,3},e_{2,3}}$$

$$3704. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, t_{\neg e_{1,3},\,e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor \neg$$

$$3705. \ \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,3},\,e_{2,3}}$$

$$3706. \ \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, t_{\lnot e_{1,3},\,e_{2,3}} \lor \lnot e_{2,6} \lor t_{e_{1,2},\,\lnot e_{1,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\lnot e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,\lnot e_{1,3}} \lor t_{e_{1,2},\,\lnot e_{$$

3707.
$$t_{e_{1,2}, e_{1,3}} \lor e_{2,6}, \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,2}, e_{2,3}}$$

3708.
$$t_{e_{1,2},e_{1,3}} \lor e_{2,6}, t_{\neg e_{1,2},e_{2,3}} \lor e_{2,3} \lor \neg e_{2,6} \vdash t_{e_{1,2},e_{1,3}} \lor t_{\neg e_{1,2},e_{2,3}} \lor e_{2,3}$$

$$3709. \ \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, t_{e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{$$

3710.
$$t_{e_{1,2},e_{1,3}} \lor e_{2,6}, t_{e_{1,2},e_{1,3}} \lor t_{\neg e_{1,2},e_{2,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2},e_{1,3}} \lor t_{\neg e_{1,2},e_{2,3}}$$

$$3711. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, \neg t_{\neg e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg e_{2,6} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg e_{2,6} \lor \neg e_$$

$$3712. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$3713. \ \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, t_{\lnot e_{1,2},\,e_{2,3}} \lor \lnot e_{2,6} \lor t_{e_{1,2},\,\lnot e_{1,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\lnot e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\lnot e_{1,3}} \lor t_{e_{1,2},\,\lnot e_{$$

$$3714. \ \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,3} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,3}$$

3715.
$$t_{e_{1,2},e_{1,3}} \lor e_{2,6}, \neg t_{e_{1,2},e_{1,3}} \lor e_{1,3} \lor e_{1,2} \vdash e_{1,3} \lor e_{1,2} \lor e_{2,6}$$

$$3716. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, \neg e_{2,6} \lor e_{1,2} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash t_{e_{1,2},\,e_{1,3}} \lor e_{1,2} \lor \neg t_{e_{2,5},\,\neg e_{2,6}}$$

3717.
$$t_{e_{1,2}, e_{1,3}} \lor e_{2,6}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,3} \lor \neg e_{2,6} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,3}$$

3718.
$$t_{e_{1,2},e_{1,3}} \lor e_{2,6}, \neg t_{\neg e_{2,5},\neg e_{2,6}} \lor \neg e_{2,6} \lor e_{1,2} \vdash t_{e_{1,2},e_{1,3}} \lor \neg t_{\neg e_{2,5},\neg e_{2,6}} \lor e_{1,2}$$

3719.
$$t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg e_{2,6} \lor e_{1,2} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,2}$$

3720.
$$t_{e_{1,2},e_{1,3}} \lor e_{2,6}, t_{e_{1,2},e_{1,3}} \lor \neg t_{e_{1,2},\neg e_{2,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2},e_{1,3}} \lor \neg t_{e_{1,2},\neg e_{2,3}}$$

$$3721. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}}$$

$$3722. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{1,3}}$$

3723.
$$t_{e_{1,2},e_{1,3}} \lor e_{2,6}, \neg t_{e_{1,2},\neg e_{1,3}} \lor \neg e_{2,6} \lor e_{1,2} \vdash t_{e_{1,2},e_{1,3}} \lor \neg t_{e_{1,2},\neg e_{1,3}} \lor e_{1,2}$$

$$3724. \ \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,6} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e$$

3725.
$$t_{e_{1,2}, e_{1,3}} \lor e_{2,6}, \neg e_{5,6} \lor \neg e_{2,6} \lor e_{1,2} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg e_{5,6} \lor e_{1,2}$$

3726.
$$t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, \neg e_{4,6} \lor \neg e_{2,6} \lor e_{1,2} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg e_{4,6} \lor e_{1,2}$$

3727.
$$t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, e_{5,6} \lor \neg e_{2,6} \lor e_{1,2} \vdash e_{5,6} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{1,2}$$

3728.
$$t_{e_{1,2}, e_{1,3}} \lor e_{2,6}, e_{4,6} \lor \neg e_{2,6} \lor e_{1,2} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{4,6} \lor e_{1,2}$$

3729.
$$t_{e_{1,2}, e_{1,3}} \lor e_{2,6}, t_{\neg e_{1,3}, e_{2,3}} \lor \neg e_{2,6} \lor e_{1,2} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,2}$$

3730.
$$t_{e_{1,2}, e_{1,3}} \lor e_{2,6}, t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{2,6} \lor e_{1,2} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}$$

$$3731. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, \neg e_{5,6} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg e_{5,6} \lor t_{e_{1,2},\,e_{2,3}}$$

3732.
$$t_{e_{1,2},e_{1,3}} \lor e_{2,6}, t_{e_{1,2},e_{2,3}} \lor \neg e_{4,6} \lor \neg e_{2,6} \vdash t_{e_{1,2},e_{1,3}} \lor t_{e_{1,2},e_{2,3}} \lor \neg e_{4,6}$$

3733.
$$t_{e_{1,2}, e_{1,3}} \lor e_{2,6}, e_{5,6} \lor t_{e_{1,2}, e_{2,3}} \lor \neg e_{2,6} \vdash e_{5,6} \lor t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, e_{2,3}}$$

3734.
$$t_{e_{1,2},e_{1,3}} \lor e_{2,6}, e_{4,6} \lor t_{e_{1,2},e_{2,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2},e_{1,3}} \lor e_{4,6} \lor t_{e_{1,2},e_{2,3}}$$

$$3735. \ \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, \neg e_{2,3} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor \neg e_{2,3}$$

$$3736. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, t_{\neg e_{1,2},\,e_{1,3}} \lor e_{2,3} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor e_{2,3}$$

3737.
$$t_{e_{1,2},e_{1,3}} \lor e_{2,6}, t_{\neg e_{1,2},e_{1,3}} \lor t_{e_{1,2},\neg e_{2,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2},e_{1,3}} \lor t_{\neg e_{1,2},e_{1,3}} \lor t_{e_{1,2},\neg e_{2,3}}$$

3738.
$$t_{e_{1,2},e_{1,3}} \lor e_{2,6}, t_{e_{1,2},e_{1,3}} \lor t_{\neg e_{1,2},e_{1,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2},e_{1,3}} \lor t_{\neg e_{1,2},e_{1,3}}$$

$$3739. \ \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor$$

$$3740. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, t_{\neg e_{1,2},\,e_{1,3}} \lor \neg e_{2,6} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$3741. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, \neg e_{1,2} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor \neg e_{2,6} \vdash \neg e_{1,2} \lor t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,\neg e_{2,3}}$$

$$3742. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg e_{2,6} \lor e_{1,2} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,2}$$

$$3743. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg e_{2,6} \lor \neg e_{$$

$$3744. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,3},\,e_{2,3}}$$

$$3745. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,$$

$$3746.\ \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,3},\,\neg e_{2,3}}$$

$$3747. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{1,3}}$$

3748.
$$t_{e_{1,2}, e_{1,3}} \lor e_{2,6}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \lor \neg e_{2,6} \vdash \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}}$$

3749.
$$t_{e_{1,2},e_{1,3}} \lor e_{2,6}, t_{e_{1,2},e_{1,3}} \lor \neg e_{2,6} \lor e_{1,2} \vdash t_{e_{1,2},e_{1,3}} \lor e_{1,2}$$

3750.
$$t_{e_{1,2}, e_{1,3}} \lor e_{2,6}, t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,3}, \neg e_{2,3}}$$

$$3751. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}}$$

3752.
$$t_{e_{1,2},e_{1,3}} \lor e_{2,6}, t_{e_{1,2},e_{1,3}} \lor t_{\neg e_{1,3},e_{2,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2},e_{1,3}} \lor t_{\neg e_{1,3},e_{2,3}}$$

$$3753. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$3754. \ t_{e_{1,2},\,e_{1,3}} \lor e_{2,6}, t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{2,3}}$$

3755.
$$t_{e_{1,2},e_{1,3}} \lor e_{2,6}, t_{e_{1,2},e_{1,3}} \lor t_{\neg e_{1,2},e_{1,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2},e_{1,3}} \lor t_{\neg e_{1,2},e_{1,3}}$$

$$3756. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,5},\,\neg e_{2,5}}, t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{2,5}} \lor e_{2,6}$$

$$3757. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,5},\,\neg e_{2,5}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{\neg e_{1,5},\,\neg e_{2,5}} \lor e_{2,6} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$3758. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,5},\,\neg e_{2,5}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{\neg e_{1,5},\,\neg e_{2,5}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,6}$$

$$3759. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,5},\,\neg e_{2,5}}, t_{\neg e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \vdash t_{\neg e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,5},\,\neg e_{2,5}} \lor e_{1,6}$$

$$3760. \ \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,5},\,\neg e_{2,5}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,6} \vdash t_{\neg e_{1,5},\,\neg e_{2,5}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,6}$$

$$3761. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,5},\,\neg e_{2,5}}, t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,5},\,\neg e_{2,5}} \lor e_{2,6}$$

$$3762. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,5},\,\neg e_{2,5}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor e_{2,6} \vdash t_{\neg e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor e_{2,6}$$

$$3763. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,5},\,\neg e_{2,5}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \vdash t_{\neg e_{1,5},\,\neg e_{2,5}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}}$$

$$3764. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,5},\,\neg e_{2,5}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,6} \vdash t_{\neg e_{1,5},\,\neg e_{2,5}} \lor e_{1,6} \lor t_{\neg e_{1,2},\,\neg e_{2,3}}$$

$$3765. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,5},\,\neg e_{2,5}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,6} \vdash t_{\neg e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,6}$$

$$3766. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,5},\,\neg e_{2,5}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor e_{1,6} \vdash t_{\neg e_{1,5},\,\neg e_{2,5}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor e_{1,6}$$

$$3767. \ t_{e_{1,6}, \, e_{2,6}} \lor t_{\neg e_{1,5}, \, \neg e_{2,5}}, \neg t_{e_{1,6}, \, e_{2,6}} \lor t_{e_{1,2}, \, e_{2,3}} \lor e_{1,6} \vdash t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor t_{e_{1,2}, \, e_{2,3}} \lor e_{1,6}$$

3768.
$$t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,5}, \neg e_{2,5}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,3} \vdash t_{\neg e_{1,5}, \neg e_{2,5}} \lor e_{1,6} \lor e_{2,3}$$

3769.
$$t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,5}, \neg e_{2,5}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,2} \lor e_{2,6} \vdash t_{\neg e_{1,5}, \neg e_{2,5}} \lor e_{1,2} \lor e_{2,6}$$

$$3770.\ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,5},\,\neg e_{2,5}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,6} \vdash t_{\neg e_{1,5},\,\neg e_{2,5}} \lor e_{1,6} \lor e_{2,6}$$

3771.
$$t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,5}, \neg e_{2,5}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,6} \vdash t_{\neg e_{1,5}, \neg e_{2,5}} \lor e_{1,6} \lor e_{2,6}$$

3772.
$$t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,5}, \neg e_{2,5}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{1,2} \vdash t_{\neg e_{1,5}, \neg e_{2,5}} \lor e_{1,6} \lor e_{1,2}$$

3773.
$$t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,3}, e_{2,3}}, t_{\neg e_{1,3}, e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$3774. \ t_{\neg e_{1,3}, \, e_{2,3}} \lor t_{e_{1,3}, \, e_{2,3}}, t_{e_{1,2}, \, e_{2,3}} \lor \neg t_{e_{1,3}, \, e_{2,3}} \lor e_{1,3} \vdash t_{\neg e_{1,3}, \, e_{2,3}} \lor t_{e_{1,2}, \, e_{2,3}} \lor e_{1,3}$$

$$3775. \ t_{\neg e_{1,3}, \, e_{2,3}} \lor t_{e_{1,3}, \, e_{2,3}}, \neg t_{e_{1,3}, \, e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,3} \vdash t_{\neg e_{1,3}, \, e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,3}$$

$$3776. \ t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,3}, e_{2,3}}, \neg t_{\neg e_{1,3}, e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash \neg t_{\neg e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{2,3}$$

$$3777. \ t_{\neg e_{1,3}, \, e_{2,3}} \lor t_{e_{1,3}, \, e_{2,3}}, t_{e_{1,3}, \, \neg e_{2,3}} \lor \neg t_{e_{1,3}, \, e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,3}, \, \neg e_{2,3}} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor e_{2,3}$$

$$3778. \ t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,3},\, e_{2,3}}, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{e_{1,3},\, e_{2,3}} \lor e_{1,3} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}$$

$$3779. \ t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,3},\, e_{2,3}}, t_{e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,3},\, e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor e_{2,3}$$

$$3780.\ t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}}, t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor e_{2,3}$$

3781.
$$t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{2,3} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{2,3}$$

$$3782. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,5},\, e_{2,5}} \lor t_{e_{4,5},\, e_{5,6}} \vdash t_{e_{1,5},\, e_{2,5}} \lor t_{e_{4,5},\, e_{5,6}} \lor e_{1,3}$$

$$3783. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5},\, \neg e_{3,6}} \lor \neg e_{3,5} \vdash \neg t_{\neg e_{3,5},\, \neg e_{3,6}} \lor \neg e_{3,5} \lor e_{1,3}$$

$$3784. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{3,5},\, e_{3,6}} \vdash t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{3,5},\, e_{3,6}} \lor e_{1,3}$$

$$3785. \ \, \neg t_{e_{1,3}, \, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg e_{1,5} \lor e_{1,2} \vdash \neg e_{1,5} \lor \neg t_{e_{1,3}, \, \neg e_{2,3}} \lor e_{1,2}$$

$$3786. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{4,6},\, \neg e_{5,6}} \vdash t_{e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{4,6},\, \neg e_{5,6}} \lor e_{1,3}$$

$$3787. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{3,5},\, e_{3,6}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, \neg e_{2,3}} \vdash t_{e_{3,5},\, e_{3,6}} \lor t_{\neg e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}$$

$$3788. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{4,6},\, e_{5,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, e_{5,6}} \lor e_{1,3}$$

$$3789. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\,\neg e_{2,3}} \lor t_{e_{4,5},\,\neg e_{5,6}} \lor t_{\neg e_{1,5},\,e_{2,5}} \vdash t_{e_{4,5},\,\neg e_{5,6}} \lor e_{1,3} \lor t_{\neg e_{1,5},\,e_{2,5}}$$

$$3790. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{4,5},\, \neg e_{5,6}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{4,5},\, \neg e_{5,6}} \lor e_{1,3}$$

3791.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg e_{1,5} \vdash \neg e_{1,2} \lor \neg e_{1,5} \lor \neg t_{e_{1,3}, \neg e_{2,3}}$$

3792.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg e_{2,3} \lor \neg e_{3,5} \vdash \neg e_{2,3} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{3,5}$$

$$3793. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,3},\, e_{2,3}} \vdash \neg t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,3},\, e_{2,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_$$

$$3794. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,3},\, e_{2,3}} \lor t_{e_{3,5},\, \neg e_{3,6}} \vdash t_{e_{1,3},\, e_{2,3}} \lor t_{e_{3,5},\, \neg e_{3,6}} \lor e_{1,3}$$

$$3795. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{3,5},\, e_{3,6}} \lor t_{e_{1,3},\, e_{2,3}} \vdash t_{\neg e_{3,5},\, e_{3,6}} \lor t_{e_{1,3},\, e_{2,3}} \lor e_{1,3}$$

$$3796. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor$$

$$3797. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{4,5},\, e_{5,6}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{4,5},\, e_{5,6}} \lor e_{1,3}$$

$$3798. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor e_{1,6} \lor e_{1,2} \vdash \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,6} \lor e_{1,2}$$

$$3799. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \vdash \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,$$

$$3800. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{4,5},\, \neg e_{5,6}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{4,5},\, \neg e_{5,6}} \lor e_{1,3}$$

$$3801. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{4,6},\, \neg e_{5,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, \neg e_{5,6}} \lor e_{1,3}$$

$$3802. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,3},\,\neg e_{2,3}} \vdash \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,$$

$$3803. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash t_{\neg e_{4,6},\, e_{5,6}} \lor e_{1,3} \lor t_{\neg e_{1,6},\, \neg e_{2,6}}$$

$$3804. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \vdash \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor$$

$$3805. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{3,5},\, \neg e_{3,6}} \lor t_{e_{1,3},\, e_{2,3}} \vdash t_{\neg e_{3,5},\, \neg e_{3,6}} \lor t_{e_{1,3},\, e_{2,3}} \lor e_{1,3}$$

$$3806. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,3},\,e_{2,3}} \vdash t_{\neg e_{1,3},\,e_{2,3}} \lor \neg t_{\neg e_{1,3},\,e_{2,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,\neg e_$$

$$3807. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,3},\,e_{2,3}} \vdash \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,3},\,e_{2,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor \neg t_{e_{1,3},\,e_{$$

$$3808. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,3},\, \neg e_{2,3}} \vdash t_{e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor e_{1,3}$$

$$3809. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg e_{3,6} \lor \neg e_{2,3} \vdash \neg e_{3,6} \lor \neg e_{2,3} \lor \neg t_{e_{1,3},\, \neg e_{2,3}}$$

$$3810. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{4,6},\, \neg e_{5,6}} \lor t_{e_{1,6},\, e_{2,6}} \vdash t_{\neg e_{4,6},\, \neg e_{5,6}} \lor t_{e_{1,6},\, e_{2,6}} \lor e_{1,3}$$

3811.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor e_{1,5} \lor e_{1,2} \vdash e_{1,5} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,2}$$

$$3812. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3}$$

3813.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg e_{1,6} \lor e_{1,2} \vdash \neg e_{1,6} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,2}$$

$$3814. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,5},\, \neg e_{2,5}} \lor t_{e_{4,5},\, e_{5,6}} \vdash t_{\neg e_{1,5},\, \neg e_{2,5}} \lor t_{e_{4,5},\, e_{5,6}} \lor e_{1,3}$$

$$3815. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{$$

3816.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, e_{3,5} \lor t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{3,5}, e_{3,6}} \vdash e_{3,5} \lor \neg t_{e_{3,5}, e_{3,6}} \lor e_{1,3}$$

$$3817. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_$$

3818.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{4,5}, e_{5,6}} \vdash t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{4,5}, e_{5,6}} \lor e_{1,3}$$

$$3819. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,2} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \lor e_{1,3}$$

$$3820. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{4,6},\, e_{5,6}} \lor t_{e_{1,6},\, e_{2,6}} \vdash t_{\neg e_{4,6},\, e_{5,6}} \lor t_{e_{1,6},\, e_{2,6}} \lor e_{1,3}$$

$$3821. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{4,5},\, e_{5,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash t_{e_{4,5},\, e_{5,6}} \lor e_{1,3} \lor t_{\neg e_{1,5},\, e_{2,5}}$$

$$3822. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{4,6},\, \neg e_{5,6}} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash t_{\neg e_{4,6},\, \neg e_{5,6}} \lor e_{1,3} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \lor e_{1,4} \lor e_$$

3823.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg e_{3,6} \lor e_{2,3} \vdash \neg e_{3,6} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{2,3}$$

$$3824. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,2} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{1,3}$$

3825.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \vdash e_{1,3} \lor \neg e_{2,3}$$

3826.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor e_{3,5} \lor \neg e_{2,3} \vdash e_{3,5} \lor \neg e_{2,3} \lor \neg t_{e_{1,3}, \neg e_{2,3}}$$

$$3827. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor e_{3,5} \lor \neg t_{e_{3,5},\, e_{3,6}} \vdash e_{3,5} \lor \neg t_{e_{3,5},\, e_{3,6}} \lor e_{1,3}$$

$$3828. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5},\, e_{3,6}} \lor \neg e_{3,5} \vdash \neg t_{\neg e_{3,5},\, e_{3,6}} \lor \neg e_{3,5} \lor e_{1,3}$$

$$3829. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg e_{3,5} \lor e_{2,3} \vdash \neg t_{e_{1,3},\, \neg e_{2,3}} \lor \neg e_{3,5} \lor e_{2,3}$$

$$3830. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor e_{1,2} \vdash \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,2}$$

$$3831. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \vdash \neg t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3$$

$$3832. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{3,5},\, e_{3,6}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{3,5},\, \neg e_{3,6}} \vdash t_{e_{3,5},\, e_{3,6}} \lor t_{e_{3,5},\, \neg e_{3,6}} \lor e_{1,3}$$

3833.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{4,5}, \neg e_{5,6}} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash t_{\neg e_{4,5}, \neg e_{5,6}} \lor e_{1,3} \lor t_{\neg e_{1,5}, e_{2,5}}$$

$$3834. \ \, \neg t_{e_{1,3}, \, \neg e_{2,3}} \lor e_{1,3}, \, \neg e_{1,2} \lor e_{1,5} \lor \neg e_{1,3} \vdash \neg e_{1,2} \lor e_{1,5} \lor \neg t_{e_{1,3}, \, \neg e_{2,3}}$$

$$3835. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{3,6} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5},\, \neg e_{3,6}} \vdash \neg e_{3,6} \lor \neg t_{\neg e_{3,5},\, \neg e_{3,6}} \lor e_{1,3}$$

$$3836. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{4,6},\, \neg e_{5,6}} \lor t_{e_{1,6},\, e_{2,6}} \vdash t_{e_{4,6},\, \neg e_{5,6}} \lor t_{e_{1,6},\, e_{2,6}} \lor e_{1,3}$$

3837.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{4,6}, e_{5,6}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{4,6}, e_{5,6}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,3}$$

$$3838. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{e_{1,2},\, \neg e_{1,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor$$

$$3839. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{4,5},\, e_{5,6}} \vdash t_{\neg e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{4,5},\, e_{5,6}} \lor e_{1,3}$$

$$3840. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,5},\, \neg e_{2,5}} \lor t_{e_{4,5},\, \neg e_{5,6}} \vdash t_{\neg e_{1,5},\, \neg e_{2,5}} \lor t_{e_{4,5},\, \neg e_{5,6}} \lor e_{1,3}$$

$$3841. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{3,5},\, \neg e_{3,6}} \lor t_{\neg e_{3,5},\, e_{3,6}} \vdash t_{\neg e_{3,5},\, \neg e_{3,6}} \lor t_{\neg e_{3,5},\, e_{3,6}} \lor e_{1,3}$$

$$3842. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{3,5},\, e_{3,6}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,3},\, e_{2,3}} \vdash t_{e_{3,5},\, e_{3,6}} \lor t_{e_{1,3},\, e_{2,3}} \lor e_{1,3}$$

3843.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$3844. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{3,5},\, e_{3,6}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{3,5},\, e_{3,6}} \vdash t_{e_{3,5},\, e_{3,6}} \lor t_{\neg e_{3,5},\, e_{3,6}} \lor e_{1,3}$$

$$3845. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor t_{e_{4,6},\, \neg e_{5,6}} \vdash t_{e_{1,6},\, \neg e_{2,6}} \lor t_{e_{4,6},\, \neg e_{5,6}} \lor e_{1,3}$$

3846.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg e_{2,3} \lor e_{3,6} \vdash \neg e_{2,3} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{3,6}$$

$$3847. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{4,5},\, e_{5,6}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{4,5},\, e_{5,6}} \lor e_{1,3}$$

$$3848. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor \neg t_{\neg e_{$$

$$3849. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{4,6},\, e_{5,6}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash t_{e_{4,6},\, e_{5,6}} \lor e_{1,3} \lor t_{\neg e_{1,6},\, \neg e_{2,6}}$$

$$3850. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,5},\, e_{2,5}} \lor t_{e_{4,5},\, \neg e_{5,6}} \vdash t_{e_{1,5},\, e_{2,5}} \lor t_{e_{4,5},\, \neg e_{5,6}} \lor e_{1,3}$$

$$3851. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{3,5},\, e_{3,6}} \lor e_{3,6} \vdash \neg t_{\neg e_{3,5},\, e_{3,6}} \lor e_{3,6} \lor e_{1,3}$$

$$3852. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{4,6},\, \neg e_{5,6}} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash t_{e_{4,6},\, \neg e_{5,6}} \lor e_{1,3} \lor t_{\neg e_{1,6},\, \neg e_{2,6}}$$

$$3853. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{2,3}$$

$$3854. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,2},\, e_{2,3}} \vdash \neg t_{e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,2},\, e_{2,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_$$

$$3855. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{4,6},\, \neg e_{5,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{4,6},\, \neg e_{5,6}} \lor e_{1,3}$$

$$3856. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{$$

3857.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor e_{3,6} \lor e_{2,3} \vdash \neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{3,6} \lor e_{2,3}$$

$$3858. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{4,6},\, e_{5,6}} \lor t_{e_{1,6},\, \neg e_{2,6}} \vdash t_{\neg e_{4,6},\, e_{5,6}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor e_{1,3}$$

$$3859. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{e_{3,5},\, e_{3,6}} \lor e_{3,6} \vdash \neg t_{e_{3,5},\, e_{3,6}} \lor e_{3,6} \lor e_{1,3}$$

$$3860. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{4,6},\, e_{5,6}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,6},\, e_{2,6}} \vdash t_{e_{4,6},\, e_{5,6}} \lor t_{e_{1,6},\, e_{2,6}} \lor e_{1,3}$$

$$3861. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,5},\,\neg e_{2,5}} \lor t_{\neg e_{4,5},\,\neg e_{5,6}} \vdash t_{\neg e_{1,5},\,\neg e_{2,5}} \lor t_{\neg e_{4,5},\,\neg e_{5,6}} \lor e_{1,3}$$

$$3862. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{2,3} \vdash \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{2,3}$$

3863.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor e_{3,5} \lor e_{2,3} \vdash e_{3,5} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{2,3}$$

$$3864. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{4,5},\, e_{5,6}} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash t_{\neg e_{4,5},\, e_{5,6}} \lor e_{1,3} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,$$

$$3865. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{3,5},\, \neg e_{3,6}} \lor t_{e_{3,5},\, \neg e_{3,6}} \vdash t_{\neg e_{3,5},\, \neg e_{3,6}} \lor t_{e_{3,5},\, \neg e_{3,6}} \lor e_{1,3}$$

$$3866. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3$$

$$3867. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{e_{3,5},\, e_{3,6}} \lor t_{e_{1,3},\, \neg e_{2,3}} \vdash t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{e_{3,5},\, e_{3,6}} \lor e_{1,3}$$

3868.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg e_{1,6} \vdash \neg e_{1,2} \lor \neg e_{1,6} \lor \neg t_{e_{1,3}, \neg e_{2,3}}$$

$$3869. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{e_{1,3},\, \neg e_{$$

3870.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,2} \lor \neg e_{1,3} \lor e_{1,6} \vdash \neg e_{1,2} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,6}$$

$$3871. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{3,5},\, \neg e_{3,6}} \vdash t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{e_{3,5},\, \neg e_{3,6}} \lor e_{1,3}$$

$$3872. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{3,6} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{e_{3,5},\, \neg e_{3,6}} \vdash \neg e_{3,6} \lor \neg t_{e_{3,5},\, \neg e_{3,6}} \lor e_{1,3}$$

3873.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,2}, e_{1,3}} \lor e_{1,2} \vdash \neg t_{e_{1,2}, e_{1,3}} \lor e_{1,3} \lor e_{1,2}$$

$$3874. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{3,5},\, \neg e_{3,6}} \vdash t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{3,5},\, \neg e_{3,6}} \lor e_{1,3}$$

$$3875. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor e_{3,5} \lor \neg t_{e_{3,5},\, \neg e_{3,6}} \vdash e_{3,5} \lor \neg t_{e_{3,5},\, \neg e_{3,6}} \lor e_{1,3}$$

$$3876. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e$$

$$3877. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, t_{e_{1,2},\,e_{1,3}} \lor \neg e_{1,3} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3$$

3878.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3} \vdash e_{1,3}$$

$$3879. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,5},\, e_{2,5}} \lor t_{\neg e_{4,5},\, \neg e_{5,6}} \vdash t_{e_{1,5},\, e_{2,5}} \lor t_{\neg e_{4,5},\, \neg e_{5,6}} \lor e_{1,3}$$

$$3880. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{2,3}$$

3881.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,3} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$3882. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$3883. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{1,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,3}$$

3884.
$$\neg t_{e_{1,3}}, \neg e_{2,3} \lor e_{1,3}, e_{1,5} \lor t_{e_{1,3}}, \neg e_{2,3} \lor e_{1,3} \vdash e_{1,3} \lor e_{1,5}$$

3885.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg e_{2,6} \vdash \neg e_{2,3} \lor e_{1,3} \lor \neg e_{2,6}$$

$$3886. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{2,3} \vdash \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{1,3} \lor e_{2,3}$$

$$3887. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg t_{\neg e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,3}$$

$$3888. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \vdash \neg t_{\neg e_{1,2},\,e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor e_{1,3}$$

$$3889. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{1,3}$$

3890.
$$\neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor e_{2,5} \lor e_{2,3} \vdash e_{2,5} \lor e_{1,3} \lor e_{2,3}$$

3891.
$$\neg t_{e_{1,3}}, \neg e_{2,3} \lor e_{1,3}, t_{e_{1,3}}, \neg e_{2,3} \lor \neg t_{\neg e_{1,2}}, \neg e_{2,3} \lor e_{1,3} \vdash e_{1,3} \lor \neg t_{\neg e_{1,2}}, \neg e_{2,3}$$

$$3892. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{\neg e_{1,3},\,e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,3}$$

3893.
$$\neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor e_{2,3} \lor e_{2,6} \vdash e_{1,3} \lor e_{2,3} \lor e_{2,6}$$

$$3894. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \lor e_{1,3}$$

$$3895. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{1,3}$$

$$3896. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \vdash \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

3897.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{1,5} \lor e_{1,3} \vdash \neg e_{1,5} \lor e_{1,3}$$

$$3898. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \vdash t_{e_{1,3},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \lor e_{1,3}$$

3899.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,6} \lor t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3} \vdash e_{1,3} \lor \neg e_{1,6}$$

3900.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,5} \lor e_{2,3} \vdash \neg e_{2,5} \lor e_{1,3} \lor e_{2,3}$$

$$3901. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{1,3} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$3902. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash t_{\neg e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{1,3}$$

$$3903. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}$$

3904.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,6} \lor e_{1,3} \vdash e_{1,3} \lor e_{1,6}$$

$$3905. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg e_{2,5} \vdash \neg e_{2,3} \lor \neg e_{2,5} \lor e_{1,3}$$

$$3906. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor e_{2,3} \lor \neg e_{2,6} \vdash e_{1,3} \lor e_{2,3} \lor \neg e_{2,6}$$

$$3907. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,3}$$

3908.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor e_{2,5} \vdash \neg e_{2,3} \lor e_{2,5} \lor e_{1,3}$$

$$3909. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \vdash \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$3910. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{\neg e_{1,2},\,e_{1,3}} \vdash \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,3}$$

$$3911. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,3},\,e_{2,3}} \vdash \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor e_{1,3}$$

3912.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor e_{2,6} \vdash \neg e_{2,3} \lor e_{1,3} \lor e_{2,6}$$

$$3913. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \lor e_{1,3}$$

$$3914. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,2} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor e_{1,3} \lor e_{1,2}$$

$$3915. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,6},\, \neg e_{2,6}} \vdash \neg e_{2,3} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor e_{1,3}$$

$$3916. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor e_{2,3} \vdash t_{e_{1,6},\, \neg e_{2,6}} \lor e_{1,3} \lor e_{2,3}$$

$$3917. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg e_{2,3} \lor e_{1,3} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

3918.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,3} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$3919. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,2} \vdash \neg t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,2}$$

$$3920. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,2} \lor \neg e_{1,3} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg e_{1,2} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

3921.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3} \vdash e_{1,3} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$3922. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor e_{1,2} \vdash t_{e_{1,6},\, \neg e_{2,6}} \lor e_{1,3} \lor e_{1,2}$$

$$3923. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \vdash \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}$$

3924.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{1,5} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg e_{1,5} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,3}$$

$$3925. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, e_{1,5} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}} \vdash e_{1,5} \lor t_{e_{1,2},\, e_{2,3}} \lor e_{1,3}$$

3926.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,6} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg e_{1,6} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,3}$$

3927.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,2}, e_{2,3}} \lor e_{1,6} \lor e_{1,3}$$

$$3928. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}, t_{\neg e$$

$$3929. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{1,2} \vdash \neg t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}$$

$$3930. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,2} \lor \neg e_{1,3} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash \neg e_{1,2} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}}$$

3931.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

$$3932. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{1,3}$$

$$3933. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{1,2} \vdash t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{1,3} \lor e_{1,2}$$

$$3934. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor e_{2,3} \vdash t_{\neg e_{1,3},\, \neg e_{2,3}} \lor e_{1,3} \lor e_{2,3}$$

$$3935. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{3,5} \vdash \neg t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{3,5}$$

$$3936. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg e_{3,6} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash \neg e_{3,6} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,$$

$$3937. \ \, \neg t_{e_{1,3}, \, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \, \neg e_{2,3}} \lor \neg t_{e_{1,3}, \, \neg e_{2,3}} \lor t_{e_{1,2}, \, \neg e_{2,3}} \vdash e_{1,3} \lor t_{e_{1,2}, \, \neg e_{2,3}}$$

$$3938. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor e_{3,5} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash e_{3,5} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\,$$

3939.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{3,6} \vdash \neg t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{3,6}$$

$$3940. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,3} \lor \neg e_{2,6}$$

$$3941. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,5} \vdash t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,5} \lor e_{1,3}$$

$$3942. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,5} \vdash t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,5} \lor e_{1,3}$$

$$3943. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,6} \vdash t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,3} \lor e_{2,6}$$

$$3944. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{e_{1,6},\, \neg e_{2,6}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,3}$$

$$3945. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,3} \lor t_{e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,2}$$

$$3946. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{e_{1,2},\, e_{1,3}} \lor \neg e_{3,5} \vdash t_{e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor \neg e_{3,5}$$

$$3947. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{e_{1,2},\, e_{1,3}} \lor \neg e_{3,6} \vdash t_{e_{1,2},\, e_{1,3}} \lor \neg e_{3,6} \lor \neg t_{e_{1,3},\, \neg e_{2,3}}$$

$$3948. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \vdash e_{1,3} \lor t_{e_{1,2},\, e_{1,3}}$$

$$3949. \ \, \neg t_{e_{1,3}, \, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{e_{1,2}, \, e_{1,3}} \lor e_{3,5} \vdash t_{e_{1,2}, \, e_{1,3}} \lor e_{3,5} \lor \neg t_{e_{1,3}, \, \neg e_{2,3}}$$

$$3950. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{e_{1,2},\, e_{1,3}} \lor e_{3,6} \vdash t_{e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{3,6}$$

3951.
$$\neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash e_{1,3} \lor e_{2,3} \lor e_{1,2}$$

$$3952. \ \, \neg t_{e_{1,3}, \, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,2}, \, e_{1,3}} \lor t_{e_{1,3}, \, \neg e_{2,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2}, \, e_{1,3}} \lor e_{1,3} \lor \neg e_{2,6}$$

3953.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,5} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg e_{2,5} \lor e_{1,3}$$

$$3954. \ \, \neg t_{e_{1,3}, \, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,2}, \, e_{1,3}} \lor t_{e_{1,3}, \, \neg e_{2,3}} \lor e_{2,5} \vdash t_{e_{1,2}, \, e_{1,3}} \lor e_{2,5} \lor e_{1,3}$$

$$3955. \ \, \neg t_{e_{1,3}, \, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,2}, \, e_{1,3}} \lor t_{e_{1,3}, \, \neg e_{2,3}} \lor e_{2,6} \vdash t_{e_{1,2}, \, e_{1,3}} \lor e_{1,3} \lor e_{2,6}$$

$$3956. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,6},\, \neg e_{2,6}} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor e_{1,3}$$

$$3957. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor e_{1,3} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$3958. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,2},\, e_{1,3}} \vdash \neg e_{2,3} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor e_{1,3}$$

$$3959. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,3} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor e_{1,3} \lor e_{2,3}$$

$$3960. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,3}$$

3961.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,3}$$

3962.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

3963.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \vdash t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{1,3} \lor e_{2,3}$$

$$3964. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash \neg e_{2,3} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{1,3}$$

$$3965. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{1,3}$$

$$3966. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{1,3}$$

3967.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,5}, e_{2,5}} \lor e_{1,2} \vdash t_{e_{1,5}, e_{2,5}} \lor e_{1,3} \lor e_{1,2}$$

$$3968. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor e_{1,3} \vdash e_{1,3} \lor t_{\neg e_{1,3},\, e_{2,3}}$$

3969.
$$\neg t_{e_{1,3}}, \neg e_{2,3} \lor e_{1,3}, t_{e_{1,3}}, \neg e_{2,3} \lor t_{e_{1,2}}, e_{2,3} \lor e_{1,3} \vdash e_{1,3} \lor t_{e_{1,2}}, e_{2,3}$$

$$3970. \ \, \neg t_{e_{1,3}, \, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{1,3} \vdash e_{1,3} \lor t_{\neg e_{1,2}, \, e_{2,3}}$$

$$3971. \ \, \neg t_{e_{1,3}, \, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3}, \, e_{2,3}} \lor e_{2,3} \vdash \neg t_{\neg e_{1,3}, \, e_{2,3}} \lor e_{1,3} \lor e_{2,3}$$

3972.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3} \vdash e_{1,3}$$

3973.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{1,3} \lor e_{2,3}$$

$$3974. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor e_{2,3} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,3} \lor e_{2,3}$$

3975.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}}$$

3976.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,3} \vdash e_{1,3} \lor t_{e_{1,2}, e_{2,3}}$$

3977.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3} \vdash e_{1,3} \lor t_{\neg e_{1,2}, e_{2,3}}$$

3978.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash \neg t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{2,3}$$

3979.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3} \vdash e_{1,3}$$

3980.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{1,3} \lor e_{2,3}$$

3981.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,3} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,3} \lor e_{2,3}$$

$$3982. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,2} \vdash t_{\neg e_{1,3},\, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$3983. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,3},\,e_{2,3}} \vdash \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor e_{1,3}$$

$$3984. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor \neg e_{1,5} \vdash t_{\neg e_{1,3},\,e_{2,3}} \lor \neg e_{1,5} \lor e_{1,3}$$

$$3985. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, e_{1,5} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \vdash e_{1,5} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor e_{1,3}$$

$$3986. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,6} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \vdash \neg e_{1,6} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor e_{1,3}$$

3987.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,6} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,6} \lor e_{1,3}$$

$$3988. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{\neg e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,3}$$

$$3989. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \vdash t_{\neg e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

3990.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,6}, e_{2,6}} \lor e_{1,2} \vdash t_{e_{1,6}, e_{2,6}} \lor e_{1,3} \lor e_{1,2}$$

$$3991. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{3,5} \vdash \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor \neg e_{3,5}$$

$$3992. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{2,3} \vdash \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{2,3}$$

$$3993. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg e_{3,6} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg e_{3,6} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3}}$$

$$3994. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, e_{2,3}} \lor e_{2,3} \vdash \neg t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{2,3}$$

3995.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \vdash e_{1,3} \lor \neg t_{\neg e_{1,2}, e_{2,3}}$$

$$3996. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor e_{3,5} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \vdash e_{3,5} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_$$

$$3997. \ \, \neg t_{e_{1,3}, \, \neg e_{2,3}} \lor e_{1,3}, \, \neg e_{1,3} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{3,6} \vdash \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor \neg t_{e_{1,3}, \, \neg e_{2,3}} \lor e_{3,6} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor e_{3,6} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor e_{3,6} \lor \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor e_{3,6} \lor \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor e_{3,6} \lor \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor e_{3,6} \lor \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor e_{3,6} \lor \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor e_{3,6} \lor e_{3,6}$$

3998.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash e_{1,3} \lor e_{2,3} \lor e_{1,2}$$

3999.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{2,6} \vdash \neg t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3} \lor \neg e_{2,6}$$

$$4000. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{2,5} \lor e_{1,3}$$

$$4001. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,5} \vdash \neg t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,5} \lor e_{1,3}$$

$$4002. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor e_{2,6} \vdash \neg t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,3} \lor e_{2,6}$$

$$4003. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}$$

$$4004. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3} \lor t_{e_{1,2},\, \neg e_{1,3}} \lor t_{e_{$$

4005.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor e_{2,3} \lor e_{1,2} \vdash \neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{2,3} \lor e_{1,2}$$

$$4006. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,2} \lor \neg e_{1,3} \lor e_{2,3} \vdash \neg e_{1,2} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{2,3}$$

4007.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3} \lor e_{2,3} \vdash e_{1,3} \lor e_{2,3}$$

4008.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,2}, e_{2,3}} \lor e_{1,3} \lor e_{2,3}$$

$$4009. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}$$

$$4010. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash e_{1,3} \lor e_{2,3} \lor e_{1,2}$$

$$4011. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \vdash \neg t_{\neg e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{1,3}$$

4012.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3} \lor e_{2,3} \vdash e_{1,3} \lor e_{2,3}$$

4013.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3} \lor e_{2,3} \vdash e_{1,3} \lor e_{2,3}$$

4014.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{2,3}$$

$$4015. \ \, \neg t_{e_{1,3}, \, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \, \neg e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2}, \, \neg e_{1,3}} \vdash e_{1,3} \lor e_{2,3} \lor t_{e_{1,2}, \, \neg e_{1,3}}$$

$$4016. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg e_{3,5} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor \neg e_{3,5}$$

$$4017. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg e_{3,6} \lor t_{\neg e_{1,2},\, e_{1,3}} \vdash \neg e_{3,6} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}}$$

$$4018. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \vdash e_{1,3} \lor t_{\neg e_{1,2},\, e_{1,3}}$$

$$4019. \ \, \neg t_{e_{1,3}, \, \neg e_{2,3}} \lor e_{1,3}, \, \neg e_{1,3} \lor e_{3,5} \lor t_{\neg e_{1,2}, \, e_{1,3}} \vdash e_{3,5} \lor t_{\neg e_{1,2}, \, e_{1,3}} \lor \neg t_{e_{1,3}, \, \neg e_{2,3}}$$

$$4020. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor e_{3,6} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{3,6}$$

$$4021. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg e_{2,6} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor e_{1,3} \lor \neg e_{2,6}$$

$$4022. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg e_{2,5} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg e_{2,5} \lor e_{1,3}$$

$$4023. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,5} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,5} \lor e_{1,3}$$

$$4024. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,6} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor e_{1,3} \lor e_{2,6}$$

$$4025. \ \neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,3}$$

$$4026. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor e_{1,3} \lor t_{e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,2}$$

$$4027. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{1,3}$$

$$4028. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg e_{1,5} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg e_{1,5} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}}$$

$$4029. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \vdash \neg t_{e_{1,2},\, \neg e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{1,3}} \lor e_{1,3}$$

$$4030. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor e_{1,3}$$

$$4031. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, e_{1,5} \lor \neg e_{1,3} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \vdash e_{1,5} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}}$$

$$4032. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg e_{1,6} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \vdash \neg e_{1,6} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3}}$$

$$4033. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor e_{1,6} \vdash \neg t_{e_{1,2},\, \neg e_{1,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,6}$$

4034.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash e_{1,3} \lor e_{2,3} \lor e_{1,2}$$

$$4035. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{1,2} \vdash \neg t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{1,3} \lor e_{1,2}$$

$$4036. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor \neg e_{2,3} \lor e_{1,2} \vdash \neg e_{2,3} \lor e_{1,3} \lor e_{1,2}$$

4037.
$$\neg t_{e_{1,3}}, \neg e_{2,3} \lor e_{1,3}, t_{e_{1,3}}, \neg e_{2,3} \lor e_{2,3} \lor e_{1,2} \vdash e_{1,3} \lor e_{2,3} \lor e_{1,2}$$

$$4038. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg t_{e_{1,2},\, \neg e_{1,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_$$

$$4039. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,$$

$$4040. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

4041.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{1,3} \lor e_{1,2}$$

$$4042. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2} \vdash \neg t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$4043. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor e_{2,3} \vdash \neg t_{e_{1,2},\, \neg e_{1,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{2,3}$$

4044.
$$\neg t_{e_{1,3}}, \neg e_{2,3} \lor e_{1,3}, t_{e_{1,3}}, \neg e_{2,3} \lor e_{2,3} \lor e_{1,2} \vdash e_{1,3} \lor e_{2,3} \lor e_{1,2}$$

$$4045. \ \, \neg t_{e_{1,3}, \, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{1,3}} \lor e_{1,2} \vdash t_{\neg e_{1,2}, \, e_{1,3}} \lor e_{1,3} \lor e_{1,2}$$

$$4046. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,3} \lor e_{2,3}$$

$$4047. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor \neg e_{2,3} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor \neg e_{2,3} \lor e_{1,3}$$

$$4048. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,3}$$

$$4049. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,3}$$

$$4050. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, t_{e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{e_{1,5},\,\neg e_{2,5}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,3}$$

$$4051. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor e_{1,3}$$

$$4052. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,2} \vdash \neg t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,2}$$

$$4053. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, e_{1,5} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{4,5},\, \neg e_{5,6}} \vdash e_{1,5} \lor t_{e_{4,5},\, \neg e_{5,6}} \lor e_{1,3}$$

$$4054. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg e_{1,2} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \vdash \neg e_{1,2} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor$$

4055.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, e_{1,5} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{4,5}, e_{5,6}} \vdash e_{1,5} \lor t_{\neg e_{4,5}, e_{5,6}} \lor e_{1,3}$$

$$4056. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, e_{1,5} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{4,5},\, \neg e_{5,6}} \vdash e_{1,5} \lor t_{\neg e_{4,5},\, \neg e_{5,6}} \lor e_{1,3}$$

$$4057. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, e_{1,5} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{4,5},\, e_{5,6}} \vdash e_{1,5} \lor t_{e_{4,5},\, e_{5,6}} \lor e_{1,3}$$

$$4058. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,3} \vdash \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,3}$$

$$4059. \ \neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,3}$$

$$4060. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,3}$$

$$4061. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \vdash \neg t_{e_{1,2},\, \neg e_{1,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}$$

$$4062. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, e_{1,5} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor e_{2,3} \vdash e_{1,5} \lor e_{1,3} \lor e_{2,3}$$

4063.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, e_{1,5} \lor t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \vdash e_{1,5} \lor \neg e_{2,3} \lor e_{1,3}$$

$$4064. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, e_{1,5} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash e_{1,5} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,3}$$

4065.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, e_{1,5} \lor t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{1,5} \lor e_{1,3}$$

$$4066. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, e_{1,5} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \vdash e_{1,5} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,3}$$

$$4067. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, e_{1,5} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \vdash e_{1,5} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,3}$$

$$4068. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,3}$$

$$4069. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg e_{1,5} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg e_{1,5} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,3}$$

$$4070. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, e_{1,5} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash e_{1,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}$$

4071.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,6} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}$$

$$4072. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}$$

$$4073. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}$$

$$4074. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,3} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3} \lor e_{2,3}$$

$$4075. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg t_{e_{1,5},\,\neg e_{2,5}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,3}$$

$$4076. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor e_{2,3} \vdash \neg t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,3} \lor e_{2,3}$$

$$4077. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\,\neg e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{1,3} \lor e_{2,3} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$4078. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,2} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

4079.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$4080. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor e_{1,2} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

4081.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{2,3}$$

4082.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$4083. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,2},\, e_{1,3}} \lor e_{1,3} \lor e_{2,3}$$

$$4084. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,2},\, e_{1,3}} \lor e_{1,3} \lor e_{2,3}$$

4085.
$$\neg t_{e_{1,3}}, \neg e_{2,3} \lor e_{1,3}, t_{e_{1,3}}, \neg e_{2,3} \lor e_{2,3} \lor e_{1,2} \vdash e_{1,3} \lor e_{2,3} \lor e_{1,2}$$

4086.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash e_{1,3} \lor e_{2,3} \lor e_{1,2}$$

$$4087. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor e_{1,3} \lor t_{e_{1,2},\, \neg e_{1,3}} \lor e_{1,3} \lor t_{e_{1,2},\, \neg e_{1,3}} \lor e_{1,3} \lor e_$$

4088.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{1,5} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,5} \lor e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

4089.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, e_{1,5} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,5} \lor e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$4090. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,6} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg e_{1,6} \lor e_{1,3} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

4091.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,6} \lor e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$4092. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$4093. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{1,3} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

4094.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,3} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$4095. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash \neg t_{e_{1,5},\,\neg e_{2,5}} \lor e_{1,3} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor e_{1,3} \lor e_{1,3}, t_{e_{1,2},\,\neg e_{1,3}} \lor e_{1,3}, t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, t_{$$

4096.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,3} \vdash t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{1,3} \lor e_{2,3}$$

$$4097. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{1,2} \vdash \neg t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}$$

$$4098. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,2} \lor \neg e_{1,3} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash \neg e_{1,2} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor$$

$$4099. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{1,3} \vdash t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{1,3}$$

4100.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

$$4101. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{1,3}$$

$$4102. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash \neg t_{e_{1,2},\, \neg e_{1,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}$$

$$4103. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}$$

$$4104. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{1,3} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$4105. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,2} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash e_{1,3} \lor e_{1,2} \lor t_{\neg e_{1,5},\, e_{2,5}}$$

4106.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,2} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

4107.
$$\neg t_{e_{1,3}}, \neg e_{2,3} \lor e_{1,3}, t_{e_{1,3}}, \neg e_{2,3} \lor e_{2,5} \lor e_{1,2} \vdash e_{2,5} \lor e_{1,3} \lor e_{1,2}$$

4108.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{1,3} \lor e_{2,3}$$

$$4109. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor \neg e_{2,3} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg e_{2,3} \lor e_{1,3}$$

4110.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

$$4111. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}$$

4112.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,3}$$

4113.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor e_{1,2} \vdash t_{\neg e_{1,5}, \neg e_{2,5}} \lor e_{1,3} \lor e_{1,2}$$

$$4114. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{4,5},\, \neg e_{5,6}} \lor e_{2,5} \vdash t_{e_{4,5},\, \neg e_{5,6}} \lor e_{2,5} \lor e_{1,3}$$

4115.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor e_{2,5} \lor t_{e_{4,5}, e_{5,6}} \vdash e_{2,5} \lor t_{e_{4,5}, e_{5,6}} \lor e_{1,3}$$

4116.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{4,5}, \neg e_{5,6}} \lor e_{2,5} \vdash t_{\neg e_{4,5}, \neg e_{5,6}} \lor e_{2,5} \lor e_{1,3}$$

$$4117. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor e_{2,5} \lor t_{\neg e_{4,5},\, e_{5,6}} \vdash e_{2,5} \lor t_{\neg e_{4,5},\, e_{5,6}} \lor e_{1,3}$$

$$4118. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{2,3} \vdash \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{1,3} \lor e_{2,3}$$

4119.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \vdash \neg e_{2,3} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{1,3}$$

$$4120. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,3}$$

$$4121. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \vdash t_{e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{1,3}$$

$$4122. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \vdash \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{1,3}$$

4123.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{1,3}$$

4124.
$$\neg t_{e_{1,3}}, \neg e_{2,3} \lor e_{1,3}, t_{e_{1,3}}, \neg e_{2,3} \lor e_{2,5} \lor e_{1,2} \vdash e_{2,5} \lor e_{1,3} \lor e_{1,2}$$

$$4125. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg e_{3,5} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{e_{1,3},\, \neg e_{2,3}} \lor \neg e_{3,5} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$4126. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg e_{3,6} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg e_{3,6} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \lor e_{1,2}, \neg e_{1,3} \lor e_{1,3}, \neg e_{2,3} \lor e_{1,3}, \neg e_{2,3} \lor e_{1,3}, \neg e_{2,3} \lor e_{2,3}, \neg e_{2,3} \lor e_{2,3} \lor e_{2,3} \lor e_{2,3}, \neg e_{2,3} \lor e_{2,3} \lor e_{2,3} \lor e_{2,3} \lor e_{2,3} \lor e_{2,3}, \neg e_{2,3} \lor e$$

4127.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

4128.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor e_{3,5} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{3,5} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$4129. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor e_{3,6} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{3,6} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

4130.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,3} \lor \neg e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

4131.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg e_{2,5} \lor e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$4132. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor e_{2,5} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash e_{2,5} \lor e_{1,3} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

4133.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,3} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

4134.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

4135.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$4136. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{1,3} \lor t_{e_{1,2},\, \neg e_{1,3}} \lor t_{e_{$$

4137.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,3} \lor e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}}$$

4138.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

4139.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, e_{1,5} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,5} \lor e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

4140.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$4141. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{1,3} \lor t_{e_{1,2},\, \neg e_{1,3}} \lor t_{e_{$$

$$4142. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor e_{1,2} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,2}$$

4143.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,2} \lor \neg e_{1,3} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,3}, \neg e_{2,3}}$$

4144.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3} \vdash e_{1,3} \lor t_{\neg e_{1,6}, e_{2,6}}$$

$$4145. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,2},\, e_{2,3}} \lor e_{1,3}$$

$$4146. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor e_{1,3}$$

$$4147. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{\neg e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3}}$$

$$4148. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}$$

4149.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$4150. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{4,6},\, \neg e_{5,6}} \lor e_{1,6} \vdash t_{\neg e_{4,6},\, \neg e_{5,6}} \lor e_{1,6} \lor e_{1,3}$$

$$4151. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \lor e_{1,2} \vdash \neg t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,2}$$

4152.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{4,6}, e_{5,6}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,6} \vdash t_{e_{4,6}, e_{5,6}} \lor e_{1,6} \lor e_{1,3}$$

$$4153. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{4,6},\, \neg e_{5,6}} \lor e_{1,6} \vdash t_{e_{4,6},\, \neg e_{5,6}} \lor e_{1,6} \lor e_{1,3}$$

4154.
$$\neg t_{e_{1,3}}, \neg e_{2,3} \lor e_{1,3}, t_{e_{1,3}}, \neg e_{2,3} \lor t_{\neg e_{4,6}}, e_{5,6} \lor e_{1,6} \vdash t_{\neg e_{4,6}}, e_{5,6} \lor e_{1,6} \lor e_{1,3}$$

$$4155. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \vdash \neg e_{1,2} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}}$$

4156.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,3} \vdash e_{1,3} \lor \neg t_{e_{1,6}, \neg e_{2,6}}$$

4157.
$$\neg t_{e_{1,3}}, \neg e_{2,3} \lor e_{1,3}, t_{e_{1,3}}, \neg e_{2,3} \lor \neg e_{2,3} \lor e_{1,6} \vdash \neg e_{2,3} \lor e_{1,6} \lor e_{1,3}$$

4158.
$$\neg t_{e_{1,3}}, \neg e_{2,3} \lor e_{1,3}, t_{e_{1,3}}, \neg e_{2,3} \lor e_{1,6} \lor e_{2,3} \vdash e_{1,6} \lor e_{1,3} \lor e_{2,3}$$

4159.
$$\neg t_{e_{1,3}}, \neg e_{2,3} \lor e_{1,3}, t_{e_{1,3}}, \neg e_{2,3} \lor e_{1,6} \lor e_{1,2} \vdash e_{1,6} \lor e_{1,3} \lor e_{1,2}$$

4160.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,3}$$

4161.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \lor e_{1,3}$$

4162.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{1,6} \lor e_{1,3}$$

$$4163. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \vdash t_{\neg e_{1,3},\,e_{2,3}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor e_{1,3}$$

4164.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,6} \vdash \neg t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,6} \lor e_{1,3}$$

$$4165. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor e_{1,6} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor e_{1,6} \lor e_{1,3}$$

$$4166. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \vdash \neg t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{e_{1,4},\, \neg e_{2,4}} \lor \neg t_{e_{1,4},\, \neg e_{2,4}$$

$$4167. \ \neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}$$

$$4168. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{e_{1,6},\, \neg e_{2,6}} \lor e_{1,3} \lor t_{e_{1,2},\, \neg e_{1,3}} \lor e_{1,3} \lor t_{e_{1,2},\, \neg e_{1,3}} \lor e_{1,3} \lor e_{1,3$$

$$4169. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,6} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash e_{1,6} \lor e_{1,3} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$4170. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,2} \vdash \neg t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,2}$$

$$4171. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,2} \lor \neg e_{1,3} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg e_{1,2} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

4172.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3} \vdash e_{1,3} \lor t_{\neg e_{1,2}, e_{2,3}}$$

4173.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}$$

$$4174. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{\neg e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,3}$$

$$4175. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg t_{e_{1,2},\, \neg e_{1,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_$$

$$4176. \ \neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

4177.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,3} \lor e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}}$$

4178.
$$\neg t_{e_{1,3}}, \neg e_{2,3} \lor e_{1,3}, t_{e_{1,3}}, \neg e_{2,3} \lor t_{\neg e_{4,6}, e_{5,6}} \lor e_{2,6} \vdash t_{\neg e_{4,6}, e_{5,6}} \lor e_{1,3} \lor e_{2,6}$$

4179.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \lor e_{2,6} \vdash t_{\neg e_{4,6}, \neg e_{5,6}} \lor e_{1,3} \lor e_{2,6}$$

$$4180. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{4,6},\, e_{5,6}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor e_{2,6} \vdash t_{e_{4,6},\, e_{5,6}} \lor e_{1,3} \lor e_{2,6}$$

4181.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{4,6}, \neg e_{5,6}} \lor e_{2,6} \vdash t_{e_{4,6}, \neg e_{5,6}} \lor e_{1,3} \lor e_{2,6}$$

4182.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{2,3} \lor e_{1,3} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

$$4183. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor e_{2,3} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash e_{1,3} \lor e_{2,3} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

4184.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,2} \lor e_{2,6} \vdash e_{1,3} \lor e_{1,2} \lor e_{2,6}$$

$$4185. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \vdash t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \lor e_{1,4} \lor e_{1$$

$$4186. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash t_{e_{1,2},\, e_{1,3}} \lor e_{1,3} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e$$

$$4187. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash \neg t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor$$

$$4188. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,3} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \lor e_{1,4}, t_{e_{1,4},\,e_{1,4}} \lor e_$$

$$4189. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{1,3} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

4190.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor e_{1,2} \lor e_{2,6} \vdash \neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,2} \lor e_{2,6}$$

4191.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,2} \lor \neg e_{1,3} \lor e_{2,6} \vdash \neg e_{1,2} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{2,6}$$

4192.
$$\neg t_{e_{1,3}}, \neg e_{2,3} \lor e_{1,3}, t_{e_{1,3}}, \neg e_{2,3} \lor e_{1,3} \lor e_{2,6} \vdash e_{1,3} \lor e_{2,6}$$

4193.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{2,6} \vdash t_{e_{1,2}, e_{2,3}} \lor e_{1,3} \lor e_{2,6}$$

4194.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{2,6} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{2,6}$$

$$4195. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor e_{2,6} \vdash \neg t_{e_{1,2},\, \neg e_{1,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{2,6}$$

$$4196. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,6} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3} \lor e_{2,6}$$

4197.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,3} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

4198.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2} \vdash \neg t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$4199. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \vee e_{1,3}, \neg e_{1,2} \vee \neg e_{1,3} \vee t_{e_{1,2},\, \neg e_{2,3}} \vdash \neg e_{1,2} \vee \neg t_{e_{1,3},\, \neg e_{2,3}} \vee t_{e_{1,2},\, \neg e_{2,3}} \vee t_{e_{1,$$

$$4200. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,3} \vdash e_{1,3} \lor t_{e_{1,2},\, \neg e_{2,3}}$$

$$4201. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,3}$$

$$4202. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,3}$$

$$4203. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e$$

$$4204. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,3}$$

$$4205. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,3} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$4206. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor \neg e_{1,5} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor \neg e_{1,5} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor \neg e_{1,5} \lor \neg e_{1,5$$

$$4207. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{1,3}} \vdash t_{\neg e_{1,3},\,e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,3}$$

$$4208. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \vdash t_{\neg e_{1,3},\,e_{2,3}} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

4209.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, e_{1,5} \lor \neg e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash e_{1,5} \lor t_{\neg e_{1,3}, e_{2,3}} \lor \neg t_{e_{1,3}, \neg e_{2,3}}$$

$$4210. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg e_{1,6} \lor t_{\neg e_{1,3},\, e_{2,3}} \vdash \neg e_{1,6} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_$$

$$4211. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor e_{1,6} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,6}$$

$$4212. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{\neg e_{1,3},\,e_{2,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{\neg e_{$$

$$4213. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,$$

4214.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{2,3}$$

$$4215. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor$$

$$4216. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \vdash t_{\neg e_{1,3},\,e_{2,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_$$

$$4217. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,3},\,e_{2,3}} \vdash t_{\neg e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3$$

$$4218. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor$$

$$4219. \ \, \neg t_{e_{1,3}, \, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash t_{\neg e_{1,3}, \, e_{2,3}} \lor \neg t_{e_{1,3}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{1,$$

$$4220. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor e_{2,6} \vdash t_{\neg e_{1,3},\,e_{2,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{2,6}$$

$$4221. \ \neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \tau_{e_{1,2}, \neg e_{2,3}} \lor \tau_{e_{1,2},$$

$$4222. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor e_{1,2} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$4223. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg e_{1,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg e_{1,5} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$4224. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,3}$$

$$4225. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,3}$$

$$4226. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, e_{1,5} \lor \neg e_{1,3} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash e_{1,5} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$4227. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg e_{1,6} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{$$

$$4228. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$4229. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{\neg$$

$$4230. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{2,3} \vdash \neg t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{2,3}$$

$$4231. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,4}} \lor \neg t_{e_{1,4},\,\neg e_{2$$

$$4232. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{\neg$$

$$4233. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e$$

$$4234. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_$$

$$4235. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,6} \vdash \neg t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,6}$$

$$4236. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg t_{e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{\neg e_{$$

$$4237. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{1,5} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{1,5} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor \neg e_{1,5} \lor \neg e_$$

$$4238. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor e_{1,2} \vdash \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,2}$$

$$4239. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{1,3}} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,3} \lor e_{1$$

$$4240. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{1,3}$$

$$4241. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, e_{1,5} \lor \neg e_{1,3} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \vdash e_{1,5} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_$$

$$4242. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg e_{1,6} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \vdash \neg e_{1,6} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor$$

$$4243. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,6} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,6}$$

$$4244. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor e_{1,2} \vdash \neg t_{e_{1,2},\, \neg e_{1,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,2}$$

4245.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash e_{1,3} \lor e_{2,3} \lor e_{1,2}$$

$$4246. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{1,2} \vdash \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$4247. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor$$

$$4248. \ \neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$4249. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg e_{3,5} \lor e_{1,2} \vdash \neg t_{e_{1,3},\, \neg e_{2,3}} \lor \neg e_{3,5} \lor e_{1,2}$$

4250.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg e_{3,6} \lor e_{1,2} \vdash \neg e_{3,6} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,2}$$

$$4251. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,2} \vdash e_{1,3} \lor e_{1,2}$$

$$4252. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor e_{3,5} \lor e_{1,2} \vdash e_{3,5} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,2}$$

4253.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor e_{3,6} \lor e_{1,2} \vdash \neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{3,6} \lor e_{1,2}$$

4254.
$$\neg t_{e_{1,3}}, \neg e_{2,3} \lor e_{1,3}, t_{e_{1,3}}, \neg e_{2,3} \lor \neg e_{2,6} \lor e_{1,2} \vdash e_{1,3} \lor \neg e_{2,6} \lor e_{1,2}$$

4255.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,5} \lor e_{1,2} \vdash \neg e_{2,5} \lor e_{1,3} \lor e_{1,2}$$

$$4256. \ \, \neg t_{e_{1,3}, \, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \, \neg e_{2,3}} \lor e_{2,5} \lor e_{1,2} \vdash e_{2,5} \lor e_{1,3} \lor e_{1,2}$$

4257.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,2} \lor e_{2,6} \vdash e_{1,3} \lor e_{1,2} \lor e_{2,6}$$

4258.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,2} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,3} \lor e_{1,2}$$

4259.
$$\neg t_{e_{1,3}}, \neg e_{2,3} \lor e_{1,3}, t_{e_{1,3}}, \neg e_{2,3} \lor e_{1,2} \lor t_{e_{1,2}}, \neg e_{1,3} \vdash e_{1,3} \lor e_{1,2} \lor t_{e_{1,2}}, \neg e_{1,3}$$

4260.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,2} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,3} \lor e_{1,2}$$

$$4261. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{1,2} \vdash t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{1,3} \lor e_{1,2}$$

$$4262. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,3} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{2,3}$$

4263.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,3} \lor e_{1,2}$$

$$4264. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}$$

4265.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, e_{1,5} \lor t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,2} \vdash e_{1,5} \lor e_{1,3} \lor e_{1,2}$$

4266.
$$\neg t_{e_{1,3}}, \neg e_{2,3} \lor e_{1,3}, t_{e_{1,3}}, \neg e_{2,3} \lor e_{2,3} \lor e_{1,2} \vdash e_{1,3} \lor e_{2,3} \lor e_{1,2}$$

$$4267. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,$$

4268.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{1,3} \lor e_{1,2}$$

$$4269. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,5},\,e_{2,5}} \lor e_{1,2} \vdash \neg t_{\neg e_{1,5},\,e_{2,5}} \lor e_{1,3} \lor e_{1,2}$$

$$4270. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \vdash t_{\neg e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,\neg e_$$

$$4271. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}$$

$$4272. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,6} \lor e_{1,2} \vdash e_{1,6} \lor e_{1,3} \lor e_{1,2}$$

$$4273. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor$$

$$4274. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,2} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \vdash e_{1,3} \lor e_{1,2} \lor \neg t_{\neg e_{1,6},\,e_{2,6}}$$

$$4275. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{2,6} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{2,6}$$

4276.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2} \vdash e_{1,3} \lor e_{1,2}$$

$$4277. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,2},\, e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$4278. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor e_{1,2} \vdash t_{\neg e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$4279. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor e_{1,2} \vdash \neg t_{e_{1,2},\, \neg e_{1,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,2}$$

$$4280. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,2} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

4281.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,3} \lor e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$4282. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor e_{1,2} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,2}$$

$$4283. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,2} \vdash \neg t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,2}$$

$$4284. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor e_{2,3} \vdash t_{\neg e_{1,3},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{2,3}$$

$$4285. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{e_{1,2},\, e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,2},\, e_{2,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,2}$$

$$4286. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, \neg e_{1,2} \lor \neg e_{1,3} \lor t_{e_{1,2},\,e_{2,3}} \vdash \neg e_{1,2} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3}}$$

4287.
$$\neg t_{e_{1,3}}, \neg e_{2,3} \lor e_{1,3}, t_{e_{1,3}}, \neg e_{2,3} \lor t_{e_{1,2}}, e_{2,3} \lor e_{1,3} \vdash e_{1,3} \lor t_{e_{1,2}}, e_{2,3}$$

$$4288. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}} \lor e_{1,3}$$

$$4289. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3$$

$$4290. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}$$

$$4291. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{e_{1,2},\, e_{2,3}} \lor e_{1,3} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$4292. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \vdash t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \lor$$

$$4293. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2}$$

$$4294. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_$$

$$4295. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor e_{1,2} \vdash t_{e_{1,6},\, \neg e_{2,6}} \lor e_{1,3} \lor e_{1,2}$$

$$4296. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg e_{1,5} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg e_{1,5} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor \neg e_{1,5} \lor \neg e_{1,5$$

$$4297. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,2},\,e_{1,3}} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,3}$$

$$4298. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{1,3}$$

$$4299. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, e_{1,5} \lor \neg e_{1,3} \lor t_{\neg e_{1,2},\, e_{1,3}} \vdash e_{1,5} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}}$$

$$4300. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg e_{1,6} \lor t_{\neg e_{1,2},\, e_{1,3}} \vdash \neg e_{1,6} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}}$$

$$4301. \ \, \neg t_{e_{1,3}, \, \neg e_{2,3}} \lor e_{1,3}, \, \neg e_{1,3} \lor t_{\neg e_{1,2}, \, e_{1,3}} \lor e_{1,6} \vdash t_{\neg e_{1,2}, \, e_{1,3}} \lor \neg t_{e_{1,3}, \, \neg e_{2,3}} \lor e_{1,6}$$

$$4302. \ \neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2$$

$$4303. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor$$

$$4304. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,3} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{2,3}$$

$$4305. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor$$

$$4306. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor$$

$$4307. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,2},\, e_{1,3}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}}$$

$$4308. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{e_{1,4},\, e_{1,4}} \lor$$

$$4309. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e$$

$$4310. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,6} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{2,6}$$

$$4311. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{$$

4312.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,3}, \neg e_{2,3}}$$

4313.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,3} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

4314.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg e_{2,3} \lor e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$4315. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,3} \lor t_{e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,2}$$

4316.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$4317. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash \neg t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,3} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor e_{1,3} \lor e_{1,3} \lor e_{1,3}, t_{e_{1,2},\,\neg e_{1,3}} \lor e_{1,3} \lor e_{1,3}, t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,3}, t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, t_{e_{1$$

$$4318. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor e_{1,3} \lor t_{e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,2}$$

4319.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,3} \lor e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$4320. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2} \vdash \neg t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,2}$$

$$4321. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,2} \lor \neg e_{1,3} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash \neg e_{1,2} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,$$

4322.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \vdash e_{1,3} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$4323. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,3}$$

$$4324. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,3}$$

$$4325. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash \neg t_{e_{1,2},\, \neg e_{1,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_$$

$$4326. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}$$

$$4327. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,3} \lor t_{e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,2}$$

$$4328. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \vdash t_{\neg e_{1,3},\,e_{2,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,$$

$$4329. \ \neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2$$

$$4330. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_$$

$$4331. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{$$

$$4332. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \vdash \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}$$

$$4333. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor \neg e_{1,5} \lor t_{e_{1,2},\, e_{2,3}} \vdash \neg e_{1,5} \lor t_{e_{1,2},\, e_{2,3}} \lor e_{1,3}$$

4334.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, e_{1,5} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}} \vdash e_{1,5} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,3}$$

4335.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,6} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg e_{1,6} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,3}$$

4336.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,2}, e_{2,3}} \lor e_{1,6} \lor e_{1,3}$$

$$4337. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{$$

4338.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

4339.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,2}, e_{2,3}} \lor e_{1,3} \lor e_{2,3}$$

$$4340. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \vdash t_{e_{1,2},\, e_{2,3}} \lor \neg t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,3}$$

$$4341. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{1,3}$$

$$4342. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,2},\, e_{2,3}} \lor e_{1,3}$$

$$4343. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{e_{1,6},\, \neg e_{2,6}} \lor t_{e_{1,2},\, e_{2,3}} \vdash \neg t_{e_{1,6},\, \neg e_{2,6}} \lor t_{e_{1,2},\, e_{2,3}} \lor e_{1,3}$$

$$4344. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}$$

$$4345. \ \, \neg t_{e_{1,3}, \, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \, \neg e_{2,3}} \lor t_{e_{1,2}, \, e_{2,3}} \lor e_{2,6} \vdash t_{e_{1,2}, \, e_{2,3}} \lor e_{1,3} \lor e_{2,6}$$

$$4346. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

4347.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,2}, e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$4348. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,3}$$

4349.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,3} \lor e_{1,2}$$

$$4350. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,3} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor e_{1,3} \lor e_{2,3}$$

$$4351. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg e_{2,3} \lor t_{\neg e_{1,2},\,e_{1,3}} \vdash \neg e_{2,3} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,3}$$

$$4352. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,3}$$

$$4353. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor e_{1,3}$$

$$4354. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}$$

$$4355. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,3} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,$$

4356.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,2} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,3} \lor e_{1,2}$$

$$4357. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor e_{1,3} \lor e_{1,3} \lor e_{1,3}, \neg e_{1,3} \lor e_{1,3} \lor$$

$$4358. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}$$

$$4359. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{1,3}$$

$$4360. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}$$

$$4361. \ \, \neg t_{e_{1,3}, \, \neg e_{2,3}} \lor e_{1,3}, \, \neg e_{1,2} \lor t_{e_{1,3}, \, \neg e_{2,3}} \lor \neg e_{2,6} \vdash \neg e_{1,2} \lor e_{1,3} \lor \neg e_{2,6}$$

4362.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \vdash e_{1,3} \lor t_{e_{1,2}, e_{1,3}}$$

$$4363. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \vdash \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{1,3}$$

4364.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor e_{3,5} \lor e_{1,3} \vdash e_{1,3} \lor e_{3,5}$$

4365.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,2} \lor e_{2,6} \vdash e_{1,3} \lor e_{1,2} \lor e_{2,6}$$

4366.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

$$4367. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,3}$$

$$4368. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{1,3}$$

4369.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{3,5} \lor e_{1,3} \vdash e_{1,3} \lor \neg e_{3,5}$$

4370.
$$\neg t_{e_{1,3}}, \neg e_{2,3} \lor e_{1,3}, t_{e_{1,3}}, \neg e_{2,3} \lor e_{2,5} \lor e_{1,2} \vdash e_{2,5} \lor e_{1,3} \lor e_{1,2}$$

4371.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,2} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$4372. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor \neg e_{2,6} \lor e_{1,2} \vdash e_{1,3} \lor \neg e_{2,6} \lor e_{1,2}$$

4373.
$$\neg t_{e_{1,3}}, \neg e_{2,3} \lor e_{1,3}, t_{e_{1,3}}, \neg e_{2,3} \lor e_{3,6} \lor e_{1,3} \vdash e_{1,3} \lor e_{3,6}$$

$$4374. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor e_{1,3} \lor t_{e_{1,2},\, \neg e_{1,3}} \lor e_{1,3} \lor e_{1,4} \lor e_{1,4}, \neg e_{1,4} \lor e$$

$$4375. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,3},\, e_{2,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \vdash t_{e_{1,3},\, e_{2,3}} \lor e_{1,3}$$

4376.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \vdash e_{1,3} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$4377. \ \, \neg t_{e_{1,3}, \, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,2} \lor t_{e_{1,3}, \, \neg e_{2,3}} \lor \neg e_{2,5} \vdash \neg e_{1,2} \lor \neg e_{2,5} \lor e_{1,3}$$

$$4378. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \vdash \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{1,3}$$

$$4379. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,3},\,\neg e_{2,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$4380. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,2} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor e_{2,5} \vdash \neg e_{1,2} \lor e_{2,5} \lor e_{1,3}$$

4381.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, \neg e_{3,6} \lor t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3} \vdash \neg e_{3,6} \lor e_{1,3}$$

$$4382. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,3},\,e_{2,3}} \vdash \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor e_{1,3}$$

$$4383. \ \neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

$$4384. \ \, \neg t_{e_{1,3}, \, \neg e_{2,3}} \lor e_{1,3}, \, \neg e_{1,2} \lor t_{e_{1,3}, \, \neg e_{2,3}} \lor e_{2,6} \vdash \neg e_{1,2} \lor e_{1,3} \lor e_{2,6}$$

$$4385. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}$$

4386.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,5} \lor e_{1,2} \vdash \neg e_{2,5} \lor e_{1,3} \lor e_{1,2}$$

$$4387. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \vdash e_{1,3} \lor t_{\neg e_{1,2},\, e_{1,3}}$$

$$4388. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,2} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,6},\, \neg e_{2,6}} \vdash \neg e_{1,2} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor e_{1,3}$$

4389.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,2} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,3} \lor e_{1,2}$$

$$4390. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,2} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg e_{1,2} \lor e_{1,3} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

4391.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,3} \lor e_{1,2} \lor t_{e_{1,2}, \neg e_{1,3}}$$

4392.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}} \lor \neg e_{3,5} \vdash t_{e_{1,2}, e_{2,3}} \lor \neg e_{3,5} \lor e_{1,3}$$

4393.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, \neg e_{3,6} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg e_{3,6} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,3}$$

4394.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor e_{3,5} \lor t_{e_{1,2}, e_{2,3}} \vdash e_{3,5} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,3}$$

4395.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{3,6} \vdash t_{e_{1,2}, e_{2,3}} \lor e_{3,6} \lor e_{1,3}$$

$$4396. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,2} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor e_{1,3}$$

4397.
$$\neg t_{e_{1,3}}, \neg e_{2,3} \lor e_{1,3}, t_{e_{1,3}}, \neg e_{2,3} \lor t_{\neg e_{1,2}}, e_{1,3} \lor e_{1,2} \vdash t_{\neg e_{1,2}}, e_{1,3} \lor e_{1,3} \lor e_{1,2}$$

$$4398. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,2} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{1,3}$$

$$4399. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{1,2} \vdash t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{1,3} \lor e_{1,2}$$

4400.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor \neg e_{3,5} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor \neg e_{3,5} \lor e_{1,3}$$

$$4401. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{3,6} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \vdash \neg e_{3,6} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor e_{1,3}$$

$$4402. \ \, \neg t_{e_{1,3}, \, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \, \neg e_{2,3}} \lor e_{3,5} \lor t_{\neg e_{1,3}, \, e_{2,3}} \vdash e_{3,5} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor e_{1,3}$$

$$4403. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor e_{3,6} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor e_{3,6} \lor e_{1,3}$$

$$4404. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,2} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$4405. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor \neg e_{2,6} \vdash \neg t_{e_{1,2},\, \neg e_{1,3}} \lor e_{1,3} \lor \neg e_{2,6}$$

$$4406. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,2} \vdash \neg t_{\neg e_{1,3},\, \neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$4407. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor \neg e_{2,5} \vdash \neg t_{e_{1,2},\, \neg e_{1,3}} \lor \neg e_{2,5} \lor e_{1,3}$$

$$4408. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor e_{2,5} \vdash \neg t_{e_{1,2},\, \neg e_{1,3}} \lor e_{2,5} \lor e_{1,3}$$

$$4409. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor e_{2,6} \vdash \neg t_{e_{1,2},\, \neg e_{1,3}} \lor e_{1,3} \lor e_{2,6}$$

$$4410. \ \neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{1,3} \lor e_{1,3}$$

$$4411. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor e_{1,3}$$

$$4412. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{1,3}$$

$$4413. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,2} \lor t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,3},\, \neg e_{2,3}} \vdash \neg e_{1,2} \lor t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,3}$$

$$4414. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,3} \lor e_{1,2}$$

$$4415. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor e_{1,3}$$

$$4416. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,2} \lor e_{1,5} \lor t_{e_{1,3},\, \neg e_{2,3}} \vdash \neg e_{1,2} \lor e_{1,5} \lor e_{1,3}$$

4417.
$$\neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, e_{1,5} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,2} \vdash e_{1,5} \lor e_{1,3} \lor e_{1,2}$$

$$4418. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, e_{1,5} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \vdash e_{1,5} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor e_{1,3}$$

$$4419. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg e_{3,5} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg e_{3,5} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,3}$$

$$4420. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, \neg e_{3,6} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg e_{3,6} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,3}$$

4421.
$$\neg t_{e_{1,3}}, \neg e_{2,3} \lor e_{1,3}, t_{e_{1,3}}, \neg e_{2,3} \lor e_{3,5} \lor t_{\neg e_{1,2}}, e_{2,3} \vdash e_{3,5} \lor t_{\neg e_{1,2}}, e_{2,3} \lor e_{1,3}$$

4422.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor e_{3,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash e_{3,6} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}$$

$$4423. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor \neg e_{3,5} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg e_{3,5} \lor e_{1,3} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

4424.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, \neg e_{3,6} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg e_{3,6} \lor e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

4425.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor e_{3,5} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{3,5} \lor e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$4426. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor e_{3,6} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash e_{3,6} \lor e_{1,3} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$4427. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \vdash \neg e_{1,2} \lor t_{e_{1,2},\, e_{1,3}} \lor e_{1,3}$$

4428.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{1,3} \lor e_{1,2}$$

$$4429. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor e_{1,3}$$

4430.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,2} \lor t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \vdash \neg e_{1,2} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{1,3}$$

$$4431. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{1,2} \vdash \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{1,3} \lor e_{1,2}$$

$$4432. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \vdash \neg t_{e_{1,2},\, \neg e_{1,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{1,3}$$

4433.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,2} \lor t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,6} \vdash \neg e_{1,2} \lor e_{1,6} \lor e_{1,3}$$

4434.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,6} \lor e_{1,2} \vdash e_{1,6} \lor e_{1,3} \lor e_{1,2}$$

$$4435. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor e_{1,6} \vdash \neg t_{e_{1,2},\, \neg e_{1,3}} \lor e_{1,6} \lor e_{1,3}$$

$$4436. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,2} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash \neg e_{1,2} \lor e_{1,3} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

4437.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,2} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash e_{1,3} \lor e_{1,2} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

$$4438. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash \neg t_{e_{1,2},\, \neg e_{1,3}} \lor e_{1,3} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor$$

$$4439. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor \neg e_{2,6} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor e_{1,3} \lor \neg e_{2,6}$$

$$4440. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor \neg e_{2,5} \vdash t_{\neg e_{1,3},\,e_{2,3}} \lor \neg e_{2,5} \lor e_{1,3}$$

$$4441. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor e_{2,5} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor e_{2,5} \lor e_{1,3}$$

4442.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{2,6} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{2,6}$$

$$4443. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,6},\, \neg e_{2,6}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor e_{1,3}$$

4444.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$4445. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor e_{1,3}$$

$$4446. \ \neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{1,3}$$

$$4447. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor e_{1,3}$$

4448.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, e_{1,5} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash e_{1,5} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,3}$$

$$4449. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\,$$

$$4450. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor \neg t_{\neg e_{1,5},\,e_{2,5}} \vdash t_{\neg e_{1,3},\,e_{2,3}} \lor \neg t_{\neg e_{1,5},\,e_{2,5}} \lor e_{1,3}$$

4451.
$$\neg t_{e_{1,3}}, \neg e_{2,3} \lor e_{1,3}, t_{e_{1,3}}, \neg e_{2,3} \lor t_{\neg e_{1,3}}, e_{2,3} \lor e_{1,6} \vdash t_{\neg e_{1,3}}, e_{2,3} \lor e_{1,6} \lor e_{1,3}$$

$$4452. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \vdash t_{\neg e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \lor e_{1,4} \lor e$$

$$4453. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg e_{2,6} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3} \lor \neg e_{2,6}$$

$$4454. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg e_{2,5} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg e_{2,5} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,3}$$

$$4455. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash e_{2,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}$$

$$4456. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{2,6} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3} \lor e_{2,6}$$

$$4457. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}$$

$$4458. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3} \lor t_{e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,2}$$

$$4459. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}$$

$$4460. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,2},\, \neg e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}$$

$$4461. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}$$

$$4462. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, e_{1,5} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash e_{1,5} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}$$

$$4463. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}$$

$$4464. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg t_{\neg e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,3}$$

$$4465. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}$$

$$4466. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \vdash t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,3} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \lor e_{1,3} \lor e_{1,3} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \lor e_{1,3} \lor e_$$

$$4467. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor \neg e_{2,6} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,3} \lor \neg e_{2,6}$$

$$4468. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor \neg e_{2,5} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor \neg e_{2,5} \lor e_{1,3}$$

$$4469. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor e_{2,5} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{2,5} \lor e_{1,3}$$

$$4470. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor e_{2,6} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,3} \lor e_{2,6}$$

$$4471. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,6},\,\neg e_{2,6}} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor e_{1,3}$$

$$4472. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,3} \lor t_{e_{1,2},\, \neg e_{1,3}} \lor e_{1,3} \lor t_{e_{1,2},\, \neg e_{1,3}} \lor e_{1,3} \lor e_{1,3$$

$$4473. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,3}$$

$$4474. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{1,3}$$

$$4475. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, t_{e_{1,5},\,\neg e_{2,5}} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,3},\,\neg e_{2,3}} \vdash t_{e_{1,5},\,\neg e_{2,5}} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$4476. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, e_{1,5} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \vdash e_{1,5} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,3}$$

$$4477. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,3}$$

$$4478. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,5},\,e_{2,5}} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,5},\,e_{2,5}} \lor e_{1,3}$$

$$4479. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,6} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,6} \lor e_{1,3}$$

$$4480. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,3} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

4481.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{1,3}} \lor \neg e_{2,6} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,3} \lor \neg e_{2,6}$$

$$4482. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg e_{2,5} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg e_{2,5} \lor e_{1,3}$$

$$4483. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,5} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,5} \lor e_{1,3}$$

4484.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,6} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,3} \lor e_{2,6}$$

$$4485. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,6},\, \neg e_{2,6}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor e_{1,3}$$

$$4486. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor e_{1,3} \lor t_{e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,2}$$

$$4487. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{1,3}$$

$$4488. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor e_{1,3}$$

$$4489. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, e_{1,5} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \vdash e_{1,5} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor e_{1,3}$$

$$4490. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,3}$$

$$4491. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,5},\,e_{2,5}} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,5},\,e_{2,5}} \lor e_{1,3}$$

$$4492. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor e_{1,6} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor e_{1,6} \lor e_{1,3}$$

$$4493. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,3} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \lor e_{1,3} \lor e_{1$$

$$4494. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, \neg e_{1,2} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash \neg e_{1,2} \lor e_{1,3} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$4495. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,2} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash e_{1,3} \lor e_{1,2} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$4496. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{1,3} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor e_{1,3} \lor e_{1,3}$$

$$4497. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor e_{1,3} \lor t_{e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,2}$$

4498.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$4499. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor e_{1,3} \lor e_{1,3} \lor e_{1,3}, \neg e_{1,3} \lor e_{1,3} \lor$$

$$4500. \ \neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor e_{1,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

4501.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}} \lor \neg e_{3,5} \vdash t_{e_{1,2}, e_{2,3}} \lor \neg e_{3,5} \lor e_{1,3}$$

$$4502. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{3,6} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, e_{2,3}} \vdash \neg e_{3,6} \lor t_{e_{1,2},\, e_{2,3}} \lor e_{1,3}$$

4503.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor e_{3,5} \lor t_{e_{1,2}, e_{2,3}} \vdash e_{3,5} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,3}$$

$$4504. \ \, \neg t_{e_{1,3}, \, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \, \neg e_{2,3}} \lor t_{e_{1,2}, \, e_{2,3}} \lor e_{3,6} \vdash t_{e_{1,2}, \, e_{2,3}} \lor e_{3,6} \lor e_{1,3}$$

$$4505. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, \neg e_{1,2} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \vdash \neg e_{1,2} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,3}$$

$$4506. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,2} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,3} \lor e_{1,2}$$

$$4507. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor e_{1,3}$$

$$4508. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,3},\,e_{2,3}} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor e_{1,3}$$

$$4509. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}$$

$$4510. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \vdash \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor e_{1,3}$$

$$4511. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{e_{1,2},\, e_{1,3}} \lor \neg e_{3,5} \vdash t_{e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,3},\, \neg e_{2,3}} \lor \neg e_{3,5}$$

$$4512. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{e_{1,2},\, e_{1,3}} \lor \neg e_{3,6} \vdash t_{e_{1,2},\, e_{1,3}} \lor \neg e_{3,6} \lor \neg t_{e_{1,3},\, \neg e_{2,3}}$$

4513.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, \neg e_{2,3}} \vdash e_{1,3} \lor t_{e_{1,2}, e_{1,3}}$$

4514.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,3} \lor t_{e_{1,2}, e_{1,3}} \lor e_{3,5} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{3,5} \lor \neg t_{e_{1,3}, \neg e_{2,3}}$$

4515.
$$\neg t_{e_{1,3}}, \neg e_{2,3} \lor e_{1,3}, \neg e_{1,3} \lor t_{e_{1,2},e_{1,3}} \lor e_{3,6} \vdash t_{e_{1,2},e_{1,3}} \lor \neg t_{e_{1,3},\neg e_{2,3}} \lor e_{3,6}$$

4516.
$$\neg t_{e_{1,3}}, \neg e_{2,3} \lor e_{1,3}, t_{e_{1,3}}, \neg e_{2,3} \lor e_{2,3} \lor e_{1,2} \vdash e_{1,3} \lor e_{2,3} \lor e_{1,2}$$

$$4517. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\, e_{1,3}} \lor e_{1,3} \lor \neg e_{2,6}$$

4518.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{2,5} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg e_{2,5} \lor e_{1,3}$$

$$4519. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor e_{2,5} \vdash t_{e_{1,2},\, e_{1,3}} \lor e_{2,5} \lor e_{1,3}$$

4520.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor e_{2,6} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{1,3} \lor e_{2,6}$$

$$4521. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,6},\, \neg e_{2,6}} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor e_{1,3}$$

$$4522. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor e_{1,3} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$4523. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor e_{1,3}$$

$$4524. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{1,3}$$

4525.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{1,3} \lor e_{1,2}$$

$$4526. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,3},\, \neg e_{2,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,5},\, \neg e_{2,5}} \lor e_{1,3}$$

4527.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,2}, e_{1,3}} \lor e_{1,5} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{1,5} \lor e_{1,3}$$

$$4528. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \vdash t_{e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,5},\, e_{2,5}} \lor e_{1,3}$$

4529.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{1,6} \lor e_{1,3}$$

$$4530. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash t_{e_{1,2},\, e_{1,3}} \lor e_{1,3} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e$$

$$4531. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor e_{1,3} \lor t_{e_{1,2},\, \neg e_{1,3}} \lor t_{e_{1,2},\, \neg$$

$$4532. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor e_{1,3}$$

4533.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,2} \lor e_{2,6} \vdash e_{1,3} \lor e_{1,2} \lor e_{2,6}$$

$$4534. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor \neg e_{2,3} \vdash t_{e_{1,2},\, e_{1,3}} \lor \neg e_{2,3} \lor e_{1,3}$$

4535.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{1,3} \lor e_{2,3}$$

$$4536. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,3}$$

$$4537. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor \neg t_{\neg e_{1,2},\, e_{2,3}} \lor e_{1,3}$$

$$4538. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor e_{1,3}$$

$$4539. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor e_{1,3} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$4540. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,2},\, e_{1,3}} \lor e_{1,3} \lor e_{1,2}$$

$$4541. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, \neg e_{1,2} \lor t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \vdash \neg e_{1,2} \lor t_{e_{1,2},\, e_{1,3}} \lor e_{1,3}$$

4542.
$$\neg t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{1,3} \lor e_{1,2}$$

$$4543. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,2},\, \neg e_{1,3}} \lor e_{1,3}$$

$$4544. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor e_{1,3}$$

$$4545. \ \, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}, t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,3}$$

$$4546. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,2},\, \neg e_{2,3}} \lor e_{1,3}$$

$$4547. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,2},\, e_{1,3}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor t_{\neg e_{1,2},\, e_{1,3}} \lor e_{1,3}$$

$$4548. \ \, \neg t_{e_{1,3},\, \neg e_{2,3}} \lor e_{1,3}, t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor e_{2,3} \vdash t_{\neg e_{1,3},\, e_{2,3}} \lor e_{1,3} \lor e_{2,3}$$

$$4549. \ \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{1,3}}, \neg t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{1,2} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{1,2}$$

$$4550. \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{1,3}}, \neg t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$4551. \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{1,3}}, t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,e_{1,3}} \lor e_{1,2} \vdash e_{1,2} \lor t_{\neg e_{1,2},\,e_{1,3}}$$

$$4552. \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{1,3}}, \neg t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,3} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}$$

$$4553. \ \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{1,3}}, \neg t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,3} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,3}$$

$$4554. \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{1,3}}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,2},\,e_{1,3}} \lor e_{1,2} \vdash t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,2}$$

$$4555. \ \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{1,3}}, \neg t_{e_{1,2},\,e_{1,3}} \lor e_{1,3} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,3} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$4556. \ \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{1,3}}, \neg t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor e_{1,2} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}$$

4557.
$$t_{e_{1,2},e_{1,3}} \lor t_{\neg e_{1,2},e_{1,3}}, \neg t_{e_{1,2},e_{1,3}} \lor e_{1,3} \lor e_{1,2} \vdash t_{\neg e_{1,2},e_{1,3}} \lor e_{1,3} \lor e_{1,2}$$

$$4558. \ \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{1,3}}, \neg t_{e_{1,2},\,e_{1,3}} \lor e_{1,3} \lor e_{1,2} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,3} \lor e_{1,2}$$

$$4559. \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{1,3}}, \neg t_{e_{1,2},\,e_{1,3}} \lor e_{1,3} \lor e_{1,2} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,3} \lor e_{1,2}$$

$$4560. \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,5} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,5},\,\neg e_{2,5}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,5},\,\neg e_{2,5}} \lor \neg$$

4561.
$$e_{1,5} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{1,3} \lor \neg e_{1,5} \lor e_{1,2} \vdash \neg e_{1,3} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,2}$$

4562.
$$e_{1,5} \lor t_{e_{1,2},e_{2,3}}, \neg t_{e_{1,2},e_{2,3}} \lor \neg t_{\neg e_{1,2},e_{2,3}} \lor e_{2,3} \vdash e_{1,5} \lor \neg t_{\neg e_{1,2},e_{2,3}} \lor e_{2,3}$$

$$4563. \ e_{1,5} \lor t_{e_{1,2},e_{2,3}}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5},e_{2,5}} \lor t_{\neg e_{1,2},e_{2,3}} \vdash t_{e_{1,2},e_{2,3}} \lor \neg t_{\neg e_{1,5},e_{2,5}} \lor t_{\neg e_{1,2},e_{2,3}}$$

$$4564. \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, e_{4,5} \lor \neg e_{1,5} \lor e_{2,5} \vdash e_{4,5} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{2,5}$$

$$4565. \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,5},\,\neg e_{1,6}} \lor$$

4566.
$$e_{1,5} \lor t_{e_{1,2},e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg e_{1,5} \vdash \neg e_{1,2} \lor \neg e_{1,3} \lor t_{e_{1,2},e_{2,3}}$$

4567.
$$e_{1,5} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,5} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$4568. \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,e_{1,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}}$$

4569.
$$e_{1,5} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{1,5} \lor e_{1,3} \lor e_{1,2} \vdash t_{e_{1,2}, e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$4570. \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{1,5},\,\neg e_{2,5}} \vdash t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{1,5},\,\neg e_{2,5}} \lor \neg t_{\neg e_{1,5},\,\neg e_{2,5}} \lor \neg t_{\neg e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{1,5},\,e_{$$

$$4571. \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{2,5}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,5},\,\neg e_{2,5}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1$$

4572.
$$e_{1,5} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2} \vdash e_{1,5} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$4573. \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,2} \vdash e_{1,5} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,2}$$

$$4574. \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, t_{\neg e_{1,2},\,e_{1,3}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,e_{1,6}} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,5},\,e_{1,6}} \lor t_{e_{1,2},\,e_{2,3}}$$

$$4575. \ e_{1,5} \lor t_{e_{1,2},e_{2,3}}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5},e_{2,5}} \lor t_{e_{1,2},\neg e_{2,3}} \vdash t_{e_{1,2},e_{2,3}} \lor \neg t_{\neg e_{1,5},e_{2,5}} \lor t_{e_{1,2},\neg e_{2,3}}$$

$$4576. \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \vdash t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1$$

$$4577. \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,5} \lor \neg e_{2,5} \lor \neg e_{4,5} \vdash t_{e_{1,2},\,e_{2,3}} \lor \neg e_{2,5} \lor \neg e_{4,5}$$

$$4578. \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,5} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,5},\,\neg e_{2,5}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,5},\,e_{2,5}} \lor t_{e_{1,2},\,e_{2,5}} \lor t_{e_{1,2},\,$$

4579.
$$e_{1,5} \lor t_{e_{1,2}, e_{2,3}}, e_{5,6} \lor \neg e_{1,5} \lor \neg e_{2,5} \vdash e_{5,6} \lor t_{e_{1,2}, e_{2,3}} \lor \neg e_{2,5}$$

$$4580. \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, e_{5,6} \lor \neg e_{1,5} \lor e_{2,5} \vdash e_{5,6} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{2,5}$$

4581.
$$e_{1,5} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,2} \vdash e_{1,5} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,2}$$

4582.
$$e_{1,5} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,3} \vdash e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,3}$$

$$4583. \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,5} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor \neg t_{\neg e_{1,5},\,e_{1,6}} \vdash t_{e_{1,6},\,\neg e_{2,6}} \lor \neg t_{\neg e_{1,5},\,e_{1,6}} \lor t_{e_{1,2},\,e_{2,3}}$$

4584.
$$e_{1,5} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,3}, e_{2,3}} \lor e_{1,2} \vdash e_{1,5} \lor t_{e_{1,3}, e_{2,3}} \lor e_{1,2}$$

4585.
$$e_{1,5} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{5,6} \lor \neg e_{1,5} \lor e_{2,5} \vdash \neg e_{5,6} \lor t_{e_{1,2}, e_{2,3}} \lor e_{2,5}$$

4586.
$$e_{1,5} \lor t_{e_{1,2},e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,5} \lor e_{1,3} \vdash \neg e_{1,2} \lor t_{e_{1,2},e_{2,3}} \lor e_{1,3}$$

4587.
$$e_{1,5} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, e_{1,3}} \lor e_{2,3} \vdash e_{1,5} \lor t_{e_{1,2}, e_{1,3}} \lor e_{2,3}$$

$$4588. \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,\neg e$$

$$4589. \ \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

4590.
$$e_{1,5} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{5,6} \lor \neg e_{1,5} \lor \neg e_{2,5} \vdash \neg e_{5,6} \lor t_{e_{1,2}, e_{2,3}} \lor \neg e_{2,5}$$

$$4591. \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,e_{2,3}} \lor e_{2,3} \vdash e_{1,5} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,3}$$

4592.
$$e_{1,5} \lor t_{e_{1,2},e_{2,3}}, \neg e_{1,5} \lor t_{e_{1,2},e_{2,3}} \lor \neg t_{\neg e_{1,5},\neg e_{2,5}} \vdash \neg t_{\neg e_{1,5},\neg e_{2,5}} \lor t_{e_{1,2},e_{2,3}}$$

$$4593. \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,6},\,\neg e_{2,6}} \vdash t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,6},\,\neg e_{2,6}} \lor t_{\neg e_{1,6},\,\neg e_{2,$$

$$4594. \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, t_{\neg e_{1,2},\,e_{1,3}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4595. \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,5} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{\neg e_{1,5},\,\neg e_{1,$$

$$4596. \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, t_{e_{1,2},\,e_{1,3}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}}$$

$$4597. \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, t_{e_{1,5},\,e_{2,5}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,e_{2,5}} \vdash t_{e_{1,5},\,e_{2,5}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,5},\,e_{2,5}}$$

$$4598. \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,5},\,e_{2,5}} \vdash t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,5},\,e$$

4599.
$$e_{1,5} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{1,5} \lor e_{2,5} \lor \neg e_{4,5} \vdash t_{e_{1,2}, e_{2,3}} \lor e_{2,5} \lor \neg e_{4,5}$$

$$4600. \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,5} \lor e_{4,5} \lor \neg e_{2,5} \vdash e_{4,5} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg e_{2,5}$$

$$4601. \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$4602. \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, t_{e_{1,2},\,e_{1,3}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,e_{1,6}} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,5},\,e_{1,6}} \lor t_{e_{1,2},\,e_{2,3}}$$

$$4603. \ e_{1,5} \lor t_{e_{1,2},e_{2,3}}, t_{\neg e_{1,6},e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\neg e_{1,6}} \vdash t_{\neg e_{1,6},e_{2,6}} \lor t_{e_{1,2},e_{2,3}} \lor \neg t_{\neg e_{1,5},\neg e_{1,6}}$$

4604.
$$e_{1,5} \lor t_{e_{1,2},e_{2,3}}, \neg e_{1,5} \lor t_{e_{1,2},e_{2,3}} \lor \neg t_{\neg e_{1,5},e_{2,5}} \vdash t_{e_{1,2},e_{2,3}} \lor \neg t_{\neg e_{1,5},e_{2,5}}$$

$$4605. \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,e_{1,6}} \lor t_{e_{1,6},\,e_{2,6}} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{e_{$$

$$4606. \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, t_{e_{1,5},\,\neg e_{2,5}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{2,5}} \vdash t_{e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,5},\,\neg e_{2,5}}$$

$$4607. \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, t_{\neg e_{1,5},\,\neg e_{2,5}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{2,5}} \vdash t_{\neg e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,5},\,\neg e_{2,5}} \lor \tau_{e_{1,5},\,\neg e_{2,5}} \lor$$

$$4608. \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,3} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor \neg e_{1,5} \vdash \neg e_{1,3} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}}$$

4609.
$$e_{1,5} \lor t_{e_{1,2}, e_{2,3}}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg e_{1,5} \lor e_{1,3} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,3}$$

4610.
$$e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,5} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,2} \vdash e_{1,2} \lor t_{e_{1,2},\,e_{2,3}}$$

4611.
$$e_{1,5} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,5} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}}$$

$$4612. \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg e_{1,5} \lor t_{e_{1,2},\,e_{2,3}} \vdash t_{e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}}$$

4613.
$$e_{1,5} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg e_{4,5} \vdash t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg e_{4,5}$$

$$4614. \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, e_{5,6} \lor \neg e_{1,5} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \vdash e_{5,6} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}}$$

$$4615. \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{5,6} \lor \neg e_{1,5} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \vdash \neg e_{5,6} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}}$$

4616.
$$e_{1,5} \lor t_{e_{1,2}, e_{2,3}}, e_{4,5} \lor \neg e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash e_{4,5} \lor t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

4617.
$$e_{1,5} \lor t_{e_{1,2}, e_{2,3}}, t_{\neg e_{1,3}, e_{2,3}} \lor \neg e_{1,5} \lor e_{1,2} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,2}$$

$$4618. \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,2} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor \neg e_{1,5} \vdash \neg e_{1,2} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}}$$

4619.
$$e_{1,5} \lor t_{e_{1,2},e_{2,3}}, t_{e_{1,3},\neg e_{2,3}} \lor t_{\neg e_{1,3},e_{2,3}} \lor \neg e_{1,5} \vdash t_{e_{1,3},\neg e_{2,3}} \lor t_{\neg e_{1,3},e_{2,3}} \lor t_{e_{1,2},e_{2,3}}$$

$$4620. \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,e_{2,5}} \lor e_{2,3} \vdash t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,5},\,e_{2,5}} \lor e_{2,3}$$

$$4621. \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{2,5}} \lor e_{2,3} \vdash t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,5},\,\neg e_{2,5}} \lor e_{2,3}$$

4622.
$$e_{1,5} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash e_{1,5} \lor e_{2,3} \lor e_{1,2}$$

$$4623. \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,3} \lor \neg e_{1,5} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}}$$

4624.
$$e_{1,5} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash e_{1,5} \lor e_{2,3} \lor e_{1,2}$$

4625.
$$e_{1,5} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{1,5} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor e_{1,3} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,3}$$

4626.
$$e_{1,5} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, e_{1,6}} \lor e_{1,2} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,2}$$

$$4627. \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{1,2} \vdash t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{1,2}$$

4628.
$$e_{1,5} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{1,5} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, e_{2,3}}$$

$$4629. \ e_{1,5} \lor t_{e_{1,2}, e_{2,3}}, t_{\neg e_{1,3}, e_{2,3}} \lor \neg e_{1,5} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,2}, e$$

$$4630. \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, t_{e_{1,5},\,\neg e_{2,5}} \lor \neg e_{1,5} \lor \neg e_{4,5} \vdash t_{e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg e_{4,5}$$

4631.
$$e_{1,5} \lor t_{e_{1,2},e_{2,3}}, e_{5,6} \lor t_{e_{1,5},\neg e_{2,5}} \lor \neg e_{1,5} \vdash e_{5,6} \lor t_{e_{1,5},\neg e_{2,5}} \lor t_{e_{1,2},e_{2,3}}$$

4632.
$$e_{1,5} \lor t_{e_{1,2},e_{2,3}}, t_{e_{1,5},\neg e_{2,5}} \lor \neg e_{5,6} \lor \neg e_{1,5} \vdash t_{e_{1,5},\neg e_{2,5}} \lor \neg e_{5,6} \lor t_{e_{1,2},e_{2,3}}$$

4633.
$$e_{1,5} \lor t_{e_{1,2}, e_{2,3}}, t_{e_{1,5}, \neg e_{2,5}} \lor e_{4,5} \lor \neg e_{1,5} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor e_{4,5} \lor t_{e_{1,2}, e_{2,3}}$$

4634.
$$e_{1,5} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{1,5} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}$$

$$4635. \ e_{1,5} \lor t_{e_{1,2},e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,5} \lor t_{\neg e_{1,2},e_{2,3}} \vdash \neg e_{1,2} \lor t_{e_{1,2},e_{2,3}} \lor t_{\neg e_{1,2},e_{2,3}}$$

$$4636. \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg e_{1,5} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,$$

$$4637. \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,5} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e$$

$$4638. \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,5} \lor e_{1,2} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,2},\,e_{2,3}} \lor e_{1,2} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$4639. \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,5} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash \neg e_{1,2} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$4640. \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg e_{1,5} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$4641. \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,5} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,\neg e$$

$$4642. \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, t_{e_{1,2},\,e_{1,3}} \lor \neg e_{1,5} \lor \neg e_{4,5} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg e_{4,5}$$

4643.
$$e_{1,5} \lor t_{e_{1,2}, e_{2,3}}, e_{5,6} \lor t_{e_{1,2}, e_{1,3}} \lor \neg e_{1,5} \vdash e_{5,6} \lor t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, e_{2,3}}$$

4644.
$$e_{1,5} \lor t_{e_{1,2},e_{2,3}}, t_{e_{1,2},e_{1,3}} \lor \neg e_{5,6} \lor \neg e_{1,5} \vdash t_{e_{1,2},e_{1,3}} \lor \neg e_{5,6} \lor t_{e_{1,2},e_{2,3}}$$

$$4645. \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, t_{e_{1,2},\,e_{1,3}} \lor e_{4,5} \lor \neg e_{1,5} \vdash t_{e_{1,2},\,e_{1,3}} \lor e_{4,5} \lor t_{e_{1,2},\,e_{2,3}}$$

$$4646. \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,e_{2,5}} \lor \neg e_{4,5} \vdash t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,5},\,e_{2,5}} \lor \neg e_{4,5}$$

4647.
$$e_{1,5} \lor t_{e_{1,2},e_{2,3}}, e_{5,6} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},e_{2,5}} \vdash e_{5,6} \lor t_{e_{1,2},e_{2,3}} \lor \neg t_{\neg e_{1,5},e_{2,5}}$$

$$4648. \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{5,6} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,e_{2,5}} \vdash \neg e_{5,6} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,5},\,e_{2,5}}$$

4649.
$$e_{1,5} \lor t_{e_{1,2}, e_{2,3}}, e_{4,5} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \vdash e_{4,5} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,5}, e_{2,5}}$$

4650.
$$e_{1,5} \lor t_{e_{1,2},e_{2,3}}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5},e_{1,6}} \lor e_{1,6} \vdash \neg t_{\neg e_{1,5},e_{1,6}} \lor t_{e_{1,2},e_{2,3}} \lor e_{1,6}$$

$$4651. \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6} \vdash t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$4652. \ e_{1,5} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}} \lor \neg e_{1,5} \vdash \neg e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

4653.
$$e_{1,5} \lor t_{e_{1,2},e_{2,3}}, t_{\neg e_{1,3},e_{2,3}} \lor \neg e_{1,5} \lor e_{1,3} \vdash t_{\neg e_{1,3},e_{2,3}} \lor t_{e_{1,2},e_{2,3}} \lor e_{1,3}$$

4654.
$$e_{1,5} \lor t_{e_{1,2},e_{2,3}}, t_{\neg e_{1,3},e_{2,3}} \lor \neg e_{1,5} \lor t_{e_{1,2},e_{2,3}} \vdash t_{e_{1,2},e_{2,3}} \lor t_{\neg e_{1,3},e_{2,3}}$$

$$4655. \ e_{1,5} \lor t_{e_{1,2},e_{2,3}}, t_{\neg e_{1,3},e_{2,3}} \lor \neg e_{1,5} \lor t_{\neg e_{1,2},e_{2,3}} \vdash t_{\neg e_{1,3},e_{2,3}} \lor t_{e_{1,2},e_{2,3}} \lor t_{\neg e_{1,2},e_{2,3}} \lor t_{$$

4656.
$$e_{1,5} \lor t_{e_{1,2},e_{2,3}}, t_{\neg e_{1,3},e_{2,3}} \lor \neg e_{1,5} \lor t_{e_{1,2},\neg e_{1,3}} \vdash t_{\neg e_{1,3},e_{2,3}} \lor t_{e_{1,2},e_{2,3}} \lor t_{e_{1,2},\neg e_{1,3}}$$

$$4657. \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,3} \lor \neg e_{1,5} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg e_{1,3} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

4658.
$$e_{1,5} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{1,5} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}$$

4659.
$$e_{1,5} \lor t_{e_{1,2},e_{2,3}}, \neg e_{1,5} \lor t_{e_{1,2},e_{2,3}} \lor t_{\neg e_{1,2},e_{2,3}} \vdash t_{\neg e_{1,2},e_{2,3}} \lor t_{e_{1,2},e_{2,3}}$$

$$4660. \ e_{1,5} \lor t_{e_{1,2},e_{2,3}}, t_{\neg e_{1,3},e_{2,3}} \lor \neg e_{1,5} \lor t_{\neg e_{1,2},e_{2,3}} \vdash t_{\neg e_{1,3},e_{2,3}} \lor t_{e_{1,2},e_{2,3}} \lor t_{\neg e_{1,2},e_{2,3}} \lor t_{$$

4661.
$$e_{1,5} \lor t_{e_{1,2},e_{2,3}}, \neg e_{1,5} \lor t_{\neg e_{1,2},e_{2,3}} \lor t_{e_{1,2},\neg e_{1,3}} \vdash t_{e_{1,2},e_{2,3}} \lor t_{\neg e_{1,2},e_{2,3}} \lor t_{e_{1,2},\neg e_{1,3}}$$

$$4662. \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,3} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg e_{1,5} \vdash \neg e_{1,3} \lor \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}}$$

$$4663. \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,e_{2,5}} \lor e_{1,2} \vdash t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,5},\,e_{2,5}} \lor e_{1,2}$$

$$4664. \ \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{2,5}} \lor e_{1,2} \vdash t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,5},\,\neg e_{2,5}} \lor e_{1,2}$$

4665.
$$e_{1,5} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash e_{1,5} \lor e_{2,3} \lor e_{1,2}$$

$$4666. \ \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg e_{1,5} \lor e_{1,3} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}$$

4667.
$$e_{1,5} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{1,5} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

$$4668. \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor \neg e_{1,5} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_$$

$$4669. \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg e_{1,5} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e$$

$$4670. \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg e_{1,5} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$4671. \ e_{1,5} \lor t_{e_{1,2},e_{2,3}}, \neg e_{1,3} \lor t_{\neg e_{1,2},e_{1,3}} \lor \neg e_{1,5} \vdash \neg e_{1,3} \lor t_{\neg e_{1,2},e_{1,3}} \lor t_{e_{1,2},e_{2,3}}$$

$$4672. \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, t_{\neg e_{1,2},\,e_{1,3}} \lor \neg e_{1,5} \lor e_{1,3} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}$$

$$4673. \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, t_{\neg e_{1,2},\,e_{1,3}} \lor \neg e_{1,5} \lor t_{e_{1,2},\,e_{2,3}} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}}$$

$$4674. \ e_{1,5} \lor t_{e_{1,2},e_{2,3}}, t_{\neg e_{1,2},e_{1,3}} \lor t_{\neg e_{1,3},e_{2,3}} \lor \neg e_{1,5} \vdash t_{\neg e_{1,2},e_{1,3}} \lor t_{\neg e_{1,3},e_{2,3}} \lor t_{e_{1,2},e_{2,3}} \lor t_{e_$$

$$4675. \ e_{1,5} \lor t_{e_{1,2},e_{2,3}}, t_{\neg e_{1,2},e_{1,3}} \lor \neg e_{1,5} \lor t_{\neg e_{1,2},e_{2,3}} \vdash t_{\neg e_{1,2},e_{1,3}} \lor t_{e_{1,2},e_{2,3}} \lor t_{\neg e_{1,2},e_{2,3}} \lor t_{$$

$$4676. \ e_{1,5} \lor t_{e_{1,2}, e_{2,3}}, t_{\neg e_{1,2}, e_{1,3}} \lor \neg e_{1,5} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$4677. \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,5} \lor \neg e_{4,5} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,2},\,e_{2,3}} \lor \neg e_{4,5} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

4678.
$$e_{1,5} \lor t_{e_{1,2},e_{2,3}}, e_{5,6} \lor \neg e_{1,5} \lor t_{e_{1,2},\neg e_{1,3}} \vdash e_{5,6} \lor t_{e_{1,2},e_{2,3}} \lor t_{e_{1,2},\neg e_{1,3}}$$

4679.
$$e_{1,5} \lor t_{e_{1,2},e_{2,3}}, \neg e_{5,6} \lor \neg e_{1,5} \lor t_{e_{1,2},\neg e_{1,3}} \vdash \neg e_{5,6} \lor t_{e_{1,2},e_{2,3}} \lor t_{e_{1,2},\neg e_{1,3}}$$

4680.
$$e_{1,5} \lor t_{e_{1,2}, e_{2,3}}, e_{4,5} \lor \neg e_{1,5} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{4,5} \lor t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

4681.
$$e_{1,5} \lor t_{e_{1,2},e_{2,3}}, \neg e_{1,5} \lor t_{e_{1,2},e_{2,3}} \lor e_{1,2} \vdash e_{1,2} \lor t_{e_{1,2},e_{2,3}}$$

4682.
$$e_{1,5} \lor t_{e_{1,2},e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,5} \lor t_{e_{1,2},e_{2,3}} \vdash \neg e_{1,2} \lor t_{e_{1,2},e_{2,3}}$$

4683.
$$e_{1,5} \lor t_{e_{1,2},e_{2,3}}, t_{e_{1,3},\neg e_{2,3}} \lor \neg e_{1,5} \lor t_{e_{1,2},e_{2,3}} \vdash t_{e_{1,3},\neg e_{2,3}} \lor t_{e_{1,2},e_{2,3}}$$

$$4684. \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,5} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}}$$

$$4685. \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, t_{\neg e_{1,3},\,e_{2,3}} \lor \neg e_{1,5} \lor t_{e_{1,2},\,e_{2,3}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,3},\,e_{2,3}}$$

4686.
$$e_{1,5} \lor t_{e_{1,2},e_{2,3}}, \neg e_{1,5} \lor t_{e_{1,2},e_{2,3}} \lor t_{\neg e_{1,2},e_{2,3}} \vdash t_{\neg e_{1,2},e_{2,3}} \lor t_{e_{1,2},e_{2,3}}$$

4687.
$$e_{1,5} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \lor \neg e_{1,5} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, e_{2,3}}$$

4688.
$$e_{1,5} \lor t_{e_{1,2},e_{2,3}}, t_{\neg e_{1,2},e_{1,3}} \lor \neg e_{1,5} \lor t_{e_{1,2},e_{2,3}} \vdash t_{\neg e_{1,2},e_{1,3}} \lor t_{e_{1,2},e_{2,3}}$$

4689.
$$e_{1,5} \lor t_{e_{1,2}, e_{2,3}}, t_{\neg e_{1,2}, e_{1,3}} \lor \neg e_{1,5} \lor \neg e_{4,5} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, e_{2,3}} \lor \neg e_{4,5}$$

4690.
$$e_{1,5} \lor t_{e_{1,2}, e_{2,3}}, e_{5,6} \lor t_{\neg e_{1,2}, e_{1,3}} \lor \neg e_{1,5} \vdash e_{5,6} \lor t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, e_{2,3}}$$

$$4691. \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{5,6} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor \neg e_{1,5} \vdash \neg e_{5,6} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}}$$

4692.
$$e_{1,5} \lor t_{e_{1,2}, e_{2,3}}, t_{\neg e_{1,2}, e_{1,3}} \lor e_{4,5} \lor \neg e_{1,5} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor e_{4,5} \lor t_{e_{1,2}, e_{2,3}}$$

$$4693. \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,5} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,2}$$

$$4694. \ \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,2} \lor \neg e_{1,5} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \vdash \neg e_{1,2} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3}}$$

4695.
$$e_{1,5} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{1,5} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,3} \vdash e_{1,3} \lor t_{e_{1,2}, e_{2,3}}$$

$$4696. \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, t_{\neg e_{1,3},\,e_{2,3}} \lor \neg e_{1,5} \lor e_{1,3} \vdash t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}$$

$$4697. \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,5} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}}$$

4698.
$$e_{1,5} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{1,5} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}$$

$$4699. \ \ e_{1,5} \lor t_{e_{1,2},\, e_{2,3}}, \neg e_{1,5} \lor e_{1,3} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash t_{e_{1,2},\, e_{2,3}} \lor e_{1,3} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$4700. \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, t_{\neg e_{1,3},\,e_{2,3}} \lor \neg e_{1,5} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \vdash t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3}}$$

$$4701. \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg e_{1,5} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{$$

$$4702. \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, \neg t_{e_{1,2},\,\neg e_{2,3}} \lor \neg e_{1,5} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \vdash \neg t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1$$

$$4703. \ e_{1,5} \lor t_{e_{1,2},\,e_{2,3}}, t_{\neg e_{1,2},\,e_{1,3}} \lor \neg e_{1,5} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3}}$$

4704.
$$e_{1,5} \lor t_{e_{1,2}, e_{2,3}}, \neg e_{1,5} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,3} \vdash e_{1,3} \lor t_{e_{1,2}, e_{2,3}}$$

$$4705. \ t_{e_{1,5}, \, \neg e_{2,5}} \lor t_{e_{1,2}, \, e_{2,3}}, \neg t_{e_{1,2}, \, e_{2,3}} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,5}, \, \neg e_{2,5}} \lor \neg t_{\neg e_{1,2}, \, e_{2,3}} \lor e_{2,3}$$

$$4706. \ t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$4707. \ t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor \neg t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,2}$$

$$4708. \ \ t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,2}$$

$$4709. \ t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,2}$$

$$4710. \ t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,3}$$

$$4711. \ t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,3}, e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,3}, e_{2,3}} \lor e_{1,2}$$

$$4712. \ \ t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,2},\, e_{2,3}}, \neg t_{e_{1,2},\, e_{2,3}} \lor t_{e_{1,2},\, e_{1,3}} \lor e_{2,3} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,2},\, e_{1,3}} \lor e_{2,3}$$

$$4713. \ \ t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,2},\, e_{2,3}}, t_{e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,2},\, e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,2},\, e_{1,3}} \lor e_{2,3}$$

4714.
$$t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,3} \lor e_{1,2}$$

4715.
$$t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,3} \lor e_{1,2}$$

4716.
$$t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \lor e_{2,3} \lor e_{1,2} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,3} \lor e_{1,2}$$

$$4717. \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,6},\,\neg e_{2,6}}, \neg t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{1,2} \vdash \neg t_{e_{1,2},\,\neg e_{1,3}} \lor e_{1,2} \lor t_{\neg e_{1,6},\,\neg e_{2,6}}$$

$$4718. \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,6},\,\neg e_{2,6}}, \neg t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \lor t_{\neg e_{1,6},\,\neg e_{2,6}}$$

$$4719. \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,6},\,\neg e_{2,6}}, t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,2},\,e_{1,3}} \lor e_{1,2} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,2} \lor t_{\neg e_{1,6},\,\neg e_{2,6}}$$

$$4720. \ \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,6},\,\neg e_{2,6}}, \neg t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,2},\,e_{2,3}} \lor e_{1,3} \lor t_{\neg e_{1,6},\,\neg e_{2,6}}$$

$$4721. \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,6},\,\neg e_{2,6}}, \neg t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,3} \vdash \neg t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,3} \lor t_{\neg e_{1,6},\,\neg e_{2,6}}$$

$$4722. \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,6},\,\neg e_{2,6}}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,2},\,e_{1,3}} \lor e_{1,2} \vdash t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,2} \lor t_{\neg e_{1,6},\,\neg e_{2,6}}$$

$$4723. \ \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,6},\,\neg e_{2,6}}, \neg t_{e_{1,2},\,e_{1,3}} \lor e_{1,3} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash e_{1,3} \lor t_{\neg e_{1,6},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$4724. \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,6},\,\neg e_{2,6}}, \neg t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor e_{1,2} \vdash t_{e_{1,3},\,e_{2,3}} \lor e_{1,2} \lor t_{\neg e_{1,6},\,\neg e_{2,6}}$$

$$4725. \ \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,6},\,\neg e_{2,6}}, \neg t_{e_{1,2},\,e_{1,3}} \lor e_{1,3} \lor e_{1,2} \vdash e_{1,3} \lor e_{1,2} \lor t_{\neg e_{1,6},\,\neg e_{2,6}}$$

$$4726. \ t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,6},\,\neg e_{2,6}}, \neg t_{e_{1,2},\,e_{1,3}} \lor e_{1,3} \lor e_{1,2} \vdash e_{1,3} \lor e_{1,2} \lor t_{\neg e_{1,6},\,\neg e_{2,6}}$$

4727.
$$t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg t_{e_{1,2}, e_{1,3}} \lor e_{1,3} \lor e_{1,2} \vdash e_{1,3} \lor e_{1,2} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

4728.
$$t_{e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}, t_{\neg e_{1,3}, e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash e_{1,3} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$4729. \ t_{e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,3},\,e_{2,3}}, t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,3}$$

$$4730. \ t_{e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,3},\,e_{2,3}}, \neg t_{e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,3} \vdash t_{\neg e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,3}$$

$$4731. \ t_{e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,3},\,e_{2,3}}, \neg t_{\neg e_{1,3},\,e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg t_{\neg e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor e_{2,3}$$

$$4732. \ t_{e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,3},\,e_{2,3}}, t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor e_{2,3}$$

$$4733. \ t_{e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,3},\,e_{2,3}}, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash t_{\neg e_{1,3},\,e_{2,3}} \lor \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3}$$

4734.
$$t_{e_{1,3},e_{2,3}} \lor t_{\neg e_{1,3},e_{2,3}}, t_{e_{1,2},e_{1,3}} \lor \neg t_{e_{1,3},e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,2},e_{1,3}} \lor t_{\neg e_{1,3},e_{2,3}} \lor e_{2,3}$$

$$4735. \ \ t_{e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,3},\,e_{2,3}}, t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor e_{2,3}$$

$$4736.\ \ t_{e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,3},\,e_{2,3}}, \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{2,3} \vdash t_{\neg e_{1,3},\,e_{2,3}} \lor e_{1,3} \lor e_{2,3}$$

4737.
$$t_{e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,3}, e_{2,3}}, \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{2,3} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{2,3}$$

$$4738.\ t_{\neg e_{1,2},\neg e_{2,3}} \lor t_{e_{1,6},\,e_{2,6}}, t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{2,6}$$

$$4739.\ t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,6}, \, e_{2,6}}, \neg t_{e_{1,6}, \, e_{2,6}} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$4740. \ t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

4741.
$$t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$4742. \ t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,6}, \, e_{2,6}}, \neg t_{e_{1,6}, \, e_{2,6}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor e_{2,6} \vdash t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor e_{2,6}$$

$$4743. \ t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,6}, e_{2,6}}, t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,6} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{2,6}$$

$$4744. \ t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,6} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{2,6}$$

$$4745. \ t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

$$4746. \ t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor t_{e_{1,6}, \, e_{2,6}}, \neg t_{e_{1,6}, \, e_{2,6}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor e_{1,6} \vdash e_{1,6} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}}$$

$$4747. \ t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$4748. \ t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$4749. \ t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,2}, e_{2,3}} \lor e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$4750.\ t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,6},\, e_{2,6}}, \neg t_{e_{1,6},\, e_{2,6}} \lor e_{1,6} \lor e_{2,3} \vdash e_{1,6} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{2,3}$$

4751.
$$t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,2} \lor e_{2,6} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,2} \lor e_{2,6}$$

$$4752. \ t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,6} \vdash e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{2,6}$$

$$4753.\ t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{e_{1,6},\, e_{2,6}}, \neg t_{e_{1,6},\, e_{2,6}} \lor e_{1,6} \lor e_{2,6} \vdash e_{1,6} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor e_{2,6}$$

$$4754. \ t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor t_{e_{1,6}, \, e_{2,6}}, \neg t_{e_{1,6}, \, e_{2,6}} \lor e_{1,6} \lor e_{1,2} \vdash e_{1,6} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor e_{1,2}$$

$$4755. \ \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,4},\,e_{2,4}}, t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,4},\,e_{2,4}} \lor e_{2,6}$$

$$4756. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,4},\,e_{2,4}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{\neg e_{1,4},\,e_{2,4}} \lor e_{2,6} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$4757. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,4},\,e_{2,4}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,6} \lor t_{\neg e_{1,4},\,e_{2,4}}$$

$$4758. \ t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,4}, e_{2,4}}, t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,4}, e_{2,4}}$$

$$4759. \ \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,4},\,e_{2,4}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,6} \vdash t_{\neg e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,4},\,e_{2,4}} \lor e_{2,6}$$

$$4760. \ \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,4},\,e_{2,4}}, t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,4},\,e_{2,4}} \lor e_{2,6}$$

4761.
$$t_{e_{1,6},e_{2,6}} \lor t_{\neg e_{1,4},e_{2,4}}, \neg t_{e_{1,6},e_{2,6}} \lor t_{e_{1,6},\neg e_{2,6}} \lor e_{2,6} \vdash t_{e_{1,6},\neg e_{2,6}} \lor t_{\neg e_{1,4},e_{2,4}} \lor e_{2,6}$$

$$4762. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,4},\,e_{2,4}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \vdash t_{\neg e_{1,4},\,e_{2,4}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \lor \neg$$

$$4763. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,4},\,e_{2,4}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,6} \vdash e_{1,6} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,4},\,e_{2,4}}$$

$$4764. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,4},\,e_{2,4}}, \neg t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,6} \lor t_{\neg e_{1,4},\,e_{2,4}}$$

$$4765. \ \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,4},\,e_{2,4}}, \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor e_{1,6} \vdash \neg t_{e_{1,6},\,\neg e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,4},\,e_{2,4}}$$

$$4766. \ t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,4}, e_{2,4}}, \neg t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,2}, e_{2,3}} \lor e_{1,6} \lor t_{\neg e_{1,4}, e_{2,4}}$$

$$4767. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,4},\,e_{2,4}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,3} \vdash e_{1,6} \lor t_{\neg e_{1,4},\,e_{2,4}} \lor e_{2,3}$$

$$4768. \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,4},\,e_{2,4}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,2} \lor e_{2,6} \vdash t_{\neg e_{1,4},\,e_{2,4}} \lor e_{1,2} \lor e_{2,6}$$

$$4769.\ \ t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,4},\,e_{2,4}}, \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor e_{2,6} \vdash e_{1,6} \lor t_{\neg e_{1,4},\,e_{2,4}} \lor e_{2,6}$$

4770.
$$t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,4}, e_{2,4}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{2,6} \vdash e_{1,6} \lor t_{\neg e_{1,4}, e_{2,4}} \lor e_{2,6}$$

4771.
$$t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,4}, e_{2,4}}, \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor e_{1,2} \vdash e_{1,6} \lor t_{\neg e_{1,4}, e_{2,4}} \lor e_{1,2}$$

4772.
$$t_{e_{1,3}, e_{2,3}} \lor e_{1,2}, t_{\neg e_{1,3}, e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$4773. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\,e_{1,3}} \lor \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,e_{1,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{1,3}}$$

$$4774.\ \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,2},\,e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

4775.
$$t_{e_{1,3}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{1,5} \lor e_{1,3} \vdash e_{1,5} \lor t_{e_{1,3}, e_{2,3}} \lor e_{1,3}$$

4776.
$$t_{e_{1,3}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg e_{2,6} \vdash \neg e_{2,3} \lor t_{e_{1,3}, e_{2,3}} \lor \neg e_{2,6}$$

4777.
$$t_{e_{1,3},e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg e_{1,5} \vdash \neg e_{1,3} \lor \neg e_{1,5} \lor t_{e_{1,3},e_{2,3}}$$

4778.
$$t_{e_{1,3}, e_{2,3}} \lor e_{1,2}, \neg t_{e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

$$4779. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \vdash \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor e_{2,3}$$

$$4780. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg t_{\neg e_{1,2},\,e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e$$

4781.
$$t_{e_{1,3},e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},e_{2,3}} \lor t_{e_{1,3},e_{2,3}} \vdash t_{e_{1,3},e_{2,3}} \lor \neg t_{\neg e_{1,2},e_{2,3}}$$

$$4782. \ \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \vdash \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{$$

4783.
$$t_{e_{1,3}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{2,5} \lor e_{2,3} \vdash t_{e_{1,3}, e_{2,3}} \lor e_{2,5} \lor e_{2,3}$$

$$4784. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \vdash \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor e_{1,3}$$

$$4785. \ \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{\neg e_{1,3},\,e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor$$

$$4786. \ \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{1,3}} \vdash t_{e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,3},\,e_{2,3}} \lor$$

4787.
$$t_{e_{1,3}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{2,3} \lor e_{2,6} \vdash t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor e_{2,6}$$

$$4788.\ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,2},\,e_{1,3}} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{1,3}}$$

$$4789. \ \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \vdash t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \tau_{e_{1,2},\,\neg e_{2,3}} \lor \tau_{e_{1,3},\,e_{2,3}} \lor \tau_{e_{1,3},\,e_{2$$

$$4790. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,3},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \vdash t_{\neg e_{1,3},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor \neg t_{\neg e_{1,3},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,3$$

$$4791. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \vdash \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,$$

4792.
$$t_{e_{1,3}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,5} \lor e_{1,3} \vdash \neg e_{1,5} \lor t_{e_{1,3}, e_{2,3}} \lor e_{1,3}$$

4793.
$$t_{e_{1,3}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,3}, e_{2,3}} \lor \neg t_{\neg e_{1,2}, e_{1,3}} \vdash t_{e_{1,3}, e_{2,3}} \lor \neg t_{\neg e_{1,2}, e_{1,3}}$$

$$4794. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg t_{\neg e_{1,3},\,e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash \neg t_{\neg e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor e_{1,2}$$

4795.
$$t_{e_{1,3}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{1,5} \lor \neg e_{1,3} \vdash \neg e_{1,3} \lor e_{1,5} \lor t_{e_{1,3}, e_{2,3}}$$

4796.
$$t_{e_{1,3}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,6} \lor e_{1,3} \vdash \neg e_{1,6} \lor t_{e_{1,3}, e_{2,3}} \lor e_{1,3}$$

4797.
$$t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{2,5} \lor e_{2,3} \vdash t_{e_{1,3},\,e_{2,3}} \lor \neg e_{2,5} \lor e_{2,3}$$

$$4798. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},$$

$$4799. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,3},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \vdash t_{\neg e_{1,3},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor \tau_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor \tau_{e_{1,2},\,\neg e_{2,3}} \lor \tau_{e_{1,2$$

$$4800. \ \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor t_{e$$

4801.
$$t_{e_{1,3}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{1,6} \lor e_{1,3} \vdash t_{e_{1,3}, e_{2,3}} \lor e_{1,6} \lor e_{1,3}$$

4802.
$$t_{e_{1,3}, e_{2,3}} \lor e_{1,2}, t_{e_{1,3}, \neg e_{2,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor e_{2,3} \lor e_{1,2}$$

4803.
$$t_{e_{1,3}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg e_{2,5} \vdash \neg e_{2,3} \lor t_{e_{1,3}, e_{2,3}} \lor \neg e_{2,5}$$

4804.
$$t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{2,3} \lor \neg e_{2,6} \vdash t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor \neg e_{2,6}$$

$$4805. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,$$

$$4806. \ \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg t_{e_{1,3},\,\neg e_{2,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{1,3} \vdash \neg t_{e_{1,3},\,\neg e_{2,3}} \lor e_{1,3} \lor e_{1,2}$$

4807.
$$t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{2,3} \lor e_{2,5} \vdash \neg e_{2,3} \lor t_{e_{1,3},\,e_{2,3}} \lor e_{2,5}$$

$$4808. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \vdash \neg t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},$$

$$4809. \ \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor \neg t_{\neg e_{1,2},\,e_{1,3}} \vdash \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor \neg t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,2},\,e_{$$

$$4810. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,3},\,e_{2,3}} \vdash \neg t_{\neg e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}}$$

4811.
$$t_{e_{1,3}, e_{2,3}} \lor e_{1,2}, t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

4812.
$$t_{e_{1,3}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg e_{1,6} \vdash \neg e_{1,3} \lor \neg e_{1,6} \lor t_{e_{1,3}, e_{2,3}}$$

4813.
$$t_{e_{1,3}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{2,3} \lor e_{2,6} \vdash \neg e_{2,3} \lor t_{e_{1,3}, e_{2,3}} \lor e_{2,6}$$

4814.
$$t_{e_{1,3}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,3} \lor e_{1,6} \vdash \neg e_{1,3} \lor t_{e_{1,3}, e_{2,3}} \lor e_{1,6}$$

4815.
$$t_{e_{1,3},e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},e_{1,3}} \lor \neg t_{\neg e_{1,2},e_{1,3}} \vdash t_{e_{1,2},e_{1,3}} \lor t_{e_{1,3},e_{2,3}} \lor \neg t_{\neg e_{1,2},e_{1,3}}$$

$$4816.\ \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor e_{2,3} \lor e_{1,2}$$

4817.
$$t_{e_{1,3}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{2,3} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash \neg e_{2,3} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,3}, e_{2,3}}$$

4818.
$$t_{e_{1,3}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,3} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,3}, e_{2,3}} \lor e_{2,3}$$

$$4819. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{2,3} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash \neg e_{2,3} \lor t_{e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$4820. \ \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{2,3} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$4821. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,3} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg e_{1,3} \lor t_{e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

4822.
$$t_{e_{1,3}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{1,3}$$

$$4823. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,5} \lor t_{e_{1,2},\,e_{2,3}} \vdash \neg e_{1,5} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,e$$

4824.
$$t_{e_{1,3}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{1,5} \lor t_{e_{1,2}, e_{2,3}} \vdash e_{1,5} \lor t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,3}, e_{2,3}}$$

4825.
$$t_{e_{1,3}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,6} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg e_{1,6} \lor t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,3}, e_{2,3}}$$

4826.
$$t_{e_{1,3}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,3}, e_{2,3}} \lor e_{1,6}$$

$$4827. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$4828. \ \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,3} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \vdash \neg e_{1,3} \lor t_{e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor$$

$$4829. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,3}$$

$$4830. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}}$$

$$4831. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,6} \vdash t_{e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg e_{2,6}$$

4832.
$$t_{e_{1,3},e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\neg e_{2,3}} \lor \neg e_{2,5} \vdash t_{e_{1,3},e_{2,3}} \lor t_{e_{1,2},\neg e_{2,3}} \lor \neg e_{2,5}$$

4833.
$$t_{e_{1,3}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,5} \vdash t_{e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{2,5}$$

$$4834. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{2,6} \vdash t_{e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{2,6}$$

4835.
$$t_{e_{1,3}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$4836. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$4837. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor \neg e_{2,6}$$

4838.
$$t_{e_{1,3}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \lor \neg e_{2,5} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,3}, e_{2,3}} \lor \neg e_{2,5}$$

4839.
$$t_{e_{1,3}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \lor e_{2,5} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,3}, e_{2,3}} \lor e_{2,5}$$

$$4840. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,6} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor e_{2,6}$$

$$4841. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,6},\,\neg e_{2,6}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor t_{e_{1,3},\,e_{2,3}}$$

4842.
$$t_{e_{1,3},e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},e_{1,3}} \lor t_{e_{1,2},\neg e_{1,3}} \vdash t_{e_{1,2},e_{1,3}} \lor t_{e_{1,3},e_{2,3}} \lor t_{e_{1,2},\neg e_{1,3}}$$

$$4843. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{2,3} \lor t_{\neg e_{1,2},\,e_{1,3}} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor \neg e_{2,3} \lor t_{e_{1,3},\,e_{2,3}}$$

$$4844. \ \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor e_{2,3} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor e_{2,3}$$

$$4845. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{2,3},\,e_{2,3}} \lor t_$$

$$4846. \ \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor t_{e_{1,$$

$$4847. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3} \vdash t_{e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,3}$$

$$4848. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{2,3} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \vdash \neg e_{2,3} \lor t_{e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}}$$

$$4849. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}}$$

$$4850. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}}$$

$$4851. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor \neg e_{1,5} \vdash t_{\neg e_{1,3},\,e_{2,3}} \lor \neg e_{1,5} \lor t_{e_{1,3},\,e_{2,3}}$$

4852.
$$t_{e_{1,3}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{1,5} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash e_{1,5} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,3}, e_{2,3}}$$

$$4853. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,6} \lor t_{\neg e_{1,3},\,e_{2,3}} \vdash \neg e_{1,6} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}}$$

4854.
$$t_{e_{1,3}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{1,6} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,3}, e_{2,3}} \lor e_{1,6}$$

$$4855. \ \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{$$

$$4856. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \vdash t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_$$

4857.
$$t_{e_{1,3}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor \neg e_{2,6} \vdash \neg t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,3}, e_{2,3}} \lor \neg e_{2,6}$$

4858.
$$t_{e_{1,3}, e_{2,3}} \lor e_{1,2}, \neg t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{2,3} \vdash e_{1,3} \lor e_{2,3} \lor e_{1,2}$$

$$4859. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor \neg e_{2,5} \vdash \neg t_{\neg e_{1,2},\,e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor \neg e_{2,5}$$

$$4860. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor e_{2,5} \vdash \neg t_{\neg e_{1,2},\,e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor e_{2,5}$$

$$4861. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor e_{2,6} \vdash \neg t_{\neg e_{1,2},\,e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor e_{2,6}$$

$$4862. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{e_{1,6},\,\neg e_{2,6}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor t_$$

$$4863. \ \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash \neg t_{\neg e_{1,2},\,e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,\neg$$

4864.
$$t_{e_{1,3}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,3} \lor e_{2,3} \vdash \neg e_{1,3} \lor t_{e_{1,3}, e_{2,3}} \lor e_{2,3}$$

4865.
$$t_{e_{1,3}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{1,3} \lor e_{2,3} \vdash t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{2,3}$$

$$4866. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor e_{2,3}$$

$$4867. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor t_$$

$$4868. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \vdash \neg t_{\neg e_{1,2},\,e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}}$$

4869.
$$t_{e_{1,3},e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,3},e_{2,3}} \lor e_{2,3} \vdash t_{\neg e_{1,3},e_{2,3}} \lor t_{e_{1,3},e_{2,3}} \lor e_{2,3}$$

$$4870. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor \neg e_{2,6} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor \neg e_{2,6}$$

$$4871. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor \neg e_{2,5} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor \neg e_{2,5}$$

$$4872. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor e_{2,5} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor e_{2,5}$$

$$4873. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor e_{2,6} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor e_{2,6}$$

$$4874. \ t_{e_{1,3}, \, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2}, \, e_{1,3}} \lor t_{e_{1,6}, \, \neg e_{2,6}} \vdash t_{\neg e_{1,2}, \, e_{1,3}} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{1,3}, \, e_{2,3}}$$

$$4875. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,\neg e_{1,$$

$$4876. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}}$$

4877.
$$t_{e_{1,3}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,5}, \neg e_{2,5}} \lor e_{2,3} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,3}, e_{2,3}} \lor e_{2,3}$$

4878.
$$t_{e_{1,3}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,5}, \neg e_{2,5}} \lor \neg e_{2,3} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor \neg e_{2,3} \lor t_{e_{1,3}, e_{2,3}}$$

$$4879. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,2},\,\neg e_{2,3}} \vdash t_{e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,$$

$$4880. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,2},\,e_{1,3}} \vdash t_{e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,e_{2,3}}$$

$$4881. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,5},\,\neg e_{2,5}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{e_{1,5},\,\neg e_{2,5}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor t_$$

$$4882. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,5},\,\neg e_{2,5}} \lor t_{\neg e_{1,2},\,e_{1,3}} \vdash t_{e_{1,5},\,\neg e_{2,5}} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor t_{e_{1,4},\,e_{2,3}} \lor t_{e_{1,4},\,e_{2,3}} \lor t_{e_{1,4},\,e_{2,4}} \lor t_{e_{$$

$$4883. \ \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,3} \lor \neg e_{1,2} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \vdash \neg e_{1,3} \lor t_{e_{1,3},\,e_{2,3}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \lor \neg e_{1,5}, \neg e_{2,5} \lor \neg e_{2,5} \lor$$

484.
$$t_{e_{1,3}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,3} \vdash t_{e_{1,3}, e_{2,3}} \lor \neg t_{e_{1,5}, \neg e_{2,5}} \lor e_{1,3}$$

$$4885. \ \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \lor \neg t_$$

$$4886. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \vdash t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \lor \neg$$

4887.
$$t_{e_{1,3},e_{2,3}} \vee e_{1,2}, \neg e_{1,2} \vee e_{1,5} \vee e_{2,3} \vdash e_{1,5} \vee t_{e_{1,3},e_{2,3}} \vee e_{2,3}$$

4888.
$$t_{e_{1,3}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{1,5} \lor \neg e_{2,3} \vdash e_{1,5} \lor \neg e_{2,3} \lor t_{e_{1,3}, e_{2,3}}$$

489.
$$t_{e_{1,3}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash e_{1,5} \lor t_{e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

4890.
$$t_{e_{1,3}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{1,5} \lor t_{e_{1,2}, e_{1,3}} \vdash e_{1,5} \lor t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,3}, e_{2,3}}$$

4891.
$$t_{e_{1,3}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{1,5} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \vdash e_{1,5} \lor \neg t_{\neg e_{1,2}, e_{2,3}} \lor t_{e_{1,3}, e_{2,3}}$$

$$4892. \ \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{1,5} \lor t_{\neg e_{1,2},\,e_{1,3}} \vdash e_{1,5} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,e_{2,3}}$$

$$4893. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,5} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg e_{1,5} \lor t_{e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

4894.
$$t_{e_{1,3}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{1,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash e_{1,5} \lor t_{e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$4895. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,6} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg e_{1,6} \lor t_{e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

4896.
$$t_{e_{1,3}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,3}, e_{2,3}} \lor e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$4897. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e$$

$$4898. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{2,3} \vdash t_{e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor e_{2,3}$$

$$4899. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{e_{1,3},\,e_{2,3}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,2},\,e_{2,3}} \lor \neg t_{e_{1,2},$$

$$4900. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,5} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash \neg e_{1,5} \lor t_{e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

4901.
$$t_{e_{1,3}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{1,5} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,5} \lor t_{e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

4902.
$$t_{e_{1,3},e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,6} \lor t_{e_{1,2},\neg e_{1,3}} \vdash \neg e_{1,6} \lor t_{e_{1,3},e_{2,3}} \lor t_{e_{1,2},\neg e_{1,3}}$$

4903.
$$t_{e_{1,3}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,3}, e_{2,3}} \lor e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$4904. \ \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,\neg e_{$$

$$4905. \ t_{e_{1,3}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

4906.
$$t_{e_{1,3}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,3}, e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$4907. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,3},\,e_{2,3}} \lor \neg t_{e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

4908.
$$t_{e_{1,3},e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2},\neg e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,3},e_{2,3}} \lor t_{\neg e_{1,2},\neg e_{2,3}} \lor e_{1,3}$$

$$4909. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,3} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \vdash \neg e_{1,3} \lor t_{e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}}$$

4910.
$$t_{e_{1,3}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$4911. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \vdash t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_$$

$$4912. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e$$

$$4913. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,\neg e$$

4914.
$$t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\,e_{1,3}} \lor e_{2,3} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor e_{2,3}$$

4915.
$$t_{e_{1,3}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \lor \neg e_{2,3} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg e_{2,3} \lor t_{e_{1,3}, e_{2,3}}$$

4916.
$$t_{e_{1,3},e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},e_{1,3}} \lor t_{e_{1,2},\neg e_{2,3}} \vdash t_{e_{1,2},e_{1,3}} \lor t_{e_{1,3},e_{2,3}} \lor t_{e_{1,2},\neg e_{2,3}}$$

$$4917. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor t_{e_{$$

4918.
$$t_{e_{1,3}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,3}, e_{2,3}}$$

4919.
$$t_{e_{1,3}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,3} \vdash t_{e_{1,3}, e_{2,3}} \lor \neg t_{\neg e_{1,5}, e_{2,5}} \lor e_{2,3}$$

$$4920. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,5},\,e_{2,5}} \vdash \neg e_{2,3} \lor t_{e_{1,3},\,e_{2,3}} \lor \neg t_{\neg e_{1,5},\,e_{2,5}}$$

$$4921. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,5},\,e_{2,5}} \lor t_{e_{1,2},\,\neg e_{2,3}} \vdash t_{e_{1,3},\,e_{2,3}} \lor \neg t_{\neg e_{1,5},\,e_{2,5}} \lor t_{e_{1,2},\,\neg e_{2,3}}$$

$$4922. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,5},\,e_{2,5}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor \neg t_{\neg e_{1,5},\,e_{2,5}} \lor \neg t_{\neg$$

$$4923. \ \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,5},\,e_{2,5}} \vdash \neg t_{\neg e_{1,2},\,e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor \neg t_{\neg e_{1,5},\,e_{2,5}}$$

$$4924. \ \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,5},\,e_{2,5}} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor \neg t_{\neg e_{1,5},\,e_{2,5}} \lor$$

$$4925. \ \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{2,6} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,3},\,e_{2,3}} \lor \neg e_{2,6} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

4926.
$$t_{e_{1,3},e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{2,5} \lor t_{e_{1,2},\neg e_{1,3}} \vdash t_{e_{1,3},e_{2,3}} \lor \neg e_{2,5} \lor t_{e_{1,2},\neg e_{1,3}}$$

$$4927. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{2,5} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,3},\,e_{2,3}} \lor e_{2,5} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

4928.
$$t_{e_{1,3}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,3}, e_{2,3}} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$4929. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,6},\,\neg e_{2,6}} \lor t_{e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

4930.
$$t_{e_{1,3}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$4931. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,\neg e$$

$$4932. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

4933.
$$t_{e_{1,3}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{1,5} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,5} \lor t_{e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

4934.
$$t_{e_{1,3}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$4935. \ \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,5},\,e_{2,5}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,3},\,e_{2,3}} \lor \neg t_{\neg e_{1,5},\,e_{2,5}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$4936. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,6},\,e_{2,6}} \lor e_{1,3} \vdash t_{\neg e_{1,6},\,e_{2,6}} \lor t_{e_{1,3},\,e_{2,3}} \lor e_{1,3}$$

$$4937. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,3} \lor t_{\neg e_{1,6},\,e_{2,6}} \vdash \neg e_{1,3} \lor t_{\neg e_{1,6},\,e_{2,6}} \lor t_{e_{1,3},\,e_{2,3}}$$

4938.
$$t_{e_{1,3},e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,6},e_{2,6}} \lor t_{e_{1,2},e_{2,3}} \vdash t_{\neg e_{1,6},e_{2,6}} \lor t_{e_{1,2},e_{2,3}} \lor t_{e_{1,3},e_{2,3}}$$

$$4939. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,3},\,e_{2,3}} \vdash t_{\neg e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor t_{e_{$$

$$4940. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{\neg e_{1,6},\,e_{2,6}} \lor t_{e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,$$

4941.
$$t_{e_{1,3},e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,6},e_{2,6}} \lor t_{e_{1,2},\neg e_{1,3}} \vdash t_{\neg e_{1,6},e_{2,6}} \lor t_{e_{1,3},e_{2,3}} \lor t_{e_{1,2},\neg e_{1,3}}$$

$$4942. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor e_{1,3} \vdash \neg t_{e_{1,6},\,\neg e_{2,6}} \lor t_{e_{1,3},\,e_{2,3}} \lor e_{1,3}$$

4943.
$$t_{e_{1,3},e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,3} \lor \neg t_{e_{1,6},\neg e_{2,6}} \vdash \neg e_{1,3} \lor \neg t_{e_{1,6},\neg e_{2,6}} \lor t_{e_{1,3},e_{2,3}}$$

4944.
$$t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{2,3} \lor e_{1,6} \vdash \neg e_{2,3} \lor t_{e_{1,3},\,e_{2,3}} \lor e_{1,6}$$

4945.
$$t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{1,6} \lor e_{2,3} \vdash t_{e_{1,3},\,e_{2,3}} \lor e_{1,6} \lor e_{2,3}$$

$$4946. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \vdash \neg t_{e_{1,6},\,\neg e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor t_{e_{1,4},\,e_{2,3}} \lor t_{e_{1,4},\,e_{2,4}} \lor t_{e_{$$

4947.
$$t_{e_{1,3}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6}$$

4948.
$$t_{e_{1,3}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \lor e_{1,6} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,3}, e_{2,3}} \lor e_{1,6}$$

$$4949. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \vdash t_{\neg e_{1,3},\,e_{2,3}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor t_{e_{1,3},\,e_{2,3}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor t_{e_{1,3},\,e_{2,3}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor t_{e_{1,6},\,\neg$$

$$4950. \ \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor e_{1,6} \vdash \neg t_{\neg e_{1,2},\,e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor e_{1,6}$$

$$4951. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor e_{1,6} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor e_{1,6}$$

$$4952. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg t_{e_{1,6},\,\neg e_{2,6}} \lor t_{e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e$$

$$4953. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash \neg t_{e_{1,6},\,\neg e_{2,6}} \lor t_{e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$4954. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{1,6} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,3},\,e_{2,3}} \lor e_{1,6} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

4955.
$$t_{e_{1,3},e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2},e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,3},e_{2,3}} \lor t_{\neg e_{1,2},e_{2,3}} \lor e_{1,3}$$

4956.
$$t_{e_{1,3},e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,3} \lor t_{\neg e_{1,2},e_{2,3}} \vdash \neg e_{1,3} \lor t_{e_{1,3},e_{2,3}} \lor t_{\neg e_{1,2},e_{2,3}}$$

$$4957. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$4958. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,$$

$$4959. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

4960.
$$t_{e_{1,3}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{2,3} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{2,3} \lor t_{e_{1,3}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

4961.
$$t_{e_{1,3},e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{2,3} \lor \neg t_{\neg e_{1,6},e_{2,6}} \vdash t_{e_{1,3},e_{2,3}} \lor e_{2,3} \lor \neg t_{\neg e_{1,6},e_{2,6}}$$

$$4962. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \vdash t_{e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \lor \neg$$

$$4963. \ \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \vdash t_{e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \lor \neg t_$$

$$4964. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \vdash \neg t_{\neg e_{1,2},\,e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}}$$

$$4965. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \lor \neg$$

$$4966. \ \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,3},\,e_{2,3}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

4967.
$$t_{e_{1,3}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{1,3} \lor e_{2,6} \vdash t_{e_{1,3}, e_{2,3}} \lor e_{1,3} \lor e_{2,6}$$

4968.
$$t_{e_{1,3},e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,3} \lor e_{2,6} \vdash \neg e_{1,3} \lor t_{e_{1,3},e_{2,3}} \lor e_{2,6}$$

4969.
$$t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{2,6} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor e_{2,6}$$

4970.
$$t_{e_{1,3}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,3}, e_{2,3}} \lor e_{2,6} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,3}, e_{2,3}} \lor e_{2,6}$$

4971.
$$t_{e_{1,3}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,6} \vdash t_{e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,2}, e_{2,3}} \lor e_{2,6}$$

$$4972. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{2,6} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,3},\,e_{2,3}} \lor e_{2,6} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

4973.
$$t_{e_{1,3},e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\neg e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,3},e_{2,3}} \lor t_{e_{1,2},\neg e_{2,3}} \lor e_{1,3}$$

$$4974. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,3} \lor t_{e_{1,2},\,\neg e_{2,3}} \vdash \neg e_{1,3} \lor t_{e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}}$$

$$4975. \ \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}}$$

$$4976. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \vdash t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{2,2},\,\neg e_{2,2}} \lor t_{e_{2,2},\,\neg e_{2,2}} \lor t_{e_{2,2},\,\neg e_{2,2}} \lor t_{e_{2,2},\,\neg e_{2,2}} \lor t_{e_{2,2},\,\neg e_{2,$$

$$4977. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$4978. \ \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{2,2},\,\neg e_{$$

$$4979. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor e_{1,3}$$

$$4980. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,3} \lor t_{e_{1,2},\,e_{2,3}} \vdash \neg e_{1,3} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor t_{e_{1,3},\,e$$

$$4981. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \vdash t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2}$$

$$4982. \ \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}$$

$$4983. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$4984. \ \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{2,3} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,3},\,e_{2,3}} \lor e_{2,3} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$4985. \ \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{2,3} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash \neg e_{2,3} \lor t_{e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$4986. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

4987.
$$t_{e_{1,3}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$4988. \ \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg t_{\neg e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash \neg t_{\neg e_{1,2},\,e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

4989.
$$t_{e_{1,3}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,2}, \neg e_{1,3}$$

$$4990. \ \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,3} \lor t_{e_{1,2},\,\neg e_{2,3}} \vdash \neg e_{1,3} \lor t_{e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}}$$

4991.
$$t_{e_{1,3}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3} \vdash t_{e_{1,3}, e_{2,3}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,3}$$

$$4992. \ \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}$$

$$4993. \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \vdash t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{2,2},\,\neg e_{2,2}} \lor t_{e_{2,2},\,\neg e_{2,2}} \lor t_{e_{2,2},\,\neg e_{2,2}} \lor t_{e_{2,2},\,\neg e_{2,2}} \lor t_{e_{2,2},\,\neg e_{2,$$

$$4994. \ \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{$$

$$4995. \ \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,3},\,e_{2,3}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor t_{e_{1,2},\,\neg e_{1,3}} \lor t_{e_{1,2},\,\neg e_{$$

4996.
$$t_{e_{1,3},e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,5} \lor t_{e_{1,2},e_{2,3}} \vdash \neg e_{1,5} \lor t_{e_{1,2},e_{2,3}} \lor t_{e_{1,3},e_{2,3}}$$

4997.
$$t_{e_{1,3}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor e_{1,5} \lor t_{e_{1,2}, e_{2,3}} \vdash e_{1,5} \lor t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,3}, e_{2,3}}$$

4998.
$$t_{e_{1,3}, e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor \neg e_{1,6} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg e_{1,6} \lor t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,3}, e_{2,3}}$$

4999.
$$t_{e_{1,3},e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},e_{2,3}} \lor e_{1,6} \vdash t_{e_{1,2},e_{2,3}} \lor t_{e_{1,3},e_{2,3}} \lor e_{1,6}$$

$$5000. \ \ t_{e_{1,3},\,e_{2,3}} \lor e_{1,2}, \neg e_{1,2} \lor t_{e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{e_{1,2},\,e_{2,3}} \lor t_{e_{1,3},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}} \lor t_{\neg e_{1,2},\,e_{2,3}$$