Домашнее задание по Математической логике №5

Приложение 2. Метод резолюций

Часть $5.\ 25001 - 30000$

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

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

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

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

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

6.
$$\neg e_{4.5} \lor t_{e_{1.5}, e_{2.5}}, e_{4.5} \lor \neg e_{5.6} \lor \neg t_{e_{4.5}, \neg e_{5.6}} \vdash \neg e_{5.6} \lor \neg t_{e_{4.5}, \neg e_{5.6}} \lor t_{e_{1.5}, e_{2.5}}$$

7.
$$\neg e_{4,5} \lor t_{e_{1,5}, e_{2,5}}, e_{4,5} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,5}, e_{2,5}} \lor t_{e_{1,5}, e_{2,5}}$$

8.
$$\neg e_{4,5} \lor t_{e_{1,5}, e_{2,5}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5}, e_{5,6}} \vdash e_{5,6} \lor \neg t_{e_{4,5}, e_{5,6}} \lor t_{e_{1,5}, e_{2,5}}$$

9.
$$\neg e_{4,5} \lor t_{e_{1,5}, e_{2,5}}, e_{4,5} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,5}, e_{2,5}}$$

10.
$$\neg e_{4,5} \lor t_{e_{1,5}, e_{2,5}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}} \vdash \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}} \lor t_{e_{1,5}, e_{2,5}}$$

11.
$$\neg e_{4,5} \lor t_{e_{1,5}, e_{2,5}}, e_{4,5} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,5}, e_{2,5}}$$

12.
$$\neg e_{4,5} \lor t_{e_{1,5}, e_{2,5}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5}, e_{5,6}} \vdash e_{5,6} \lor \neg t_{e_{4,5}, e_{5,6}} \lor t_{e_{1,5}, e_{2,5}}$$

13.
$$\neg e_{4,5} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor e_{2,5} \lor \neg e_{4,5}$$

14.
$$\neg e_{4,5} \lor t_{e_{1,5}, e_{2,5}}, e_{4,5} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{e_{1,5}, e_{2,5}}$$

15.
$$\neg e_{4,5} \lor t_{e_{1,5},e_{2,5}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5},e_{2,5}} \vdash e_{1,5} \lor e_{2,5} \lor \neg e_{4,5}$$

16.
$$\neg e_{4,5} \lor t_{e_{1,5}, e_{2,5}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5}, e_{5,6}} \vdash e_{5,6} \lor \neg t_{e_{4,5}, e_{5,6}} \lor t_{e_{1,5}, e_{2,5}}$$

17.
$$\neg e_{4,5} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor e_{2,5} \lor \neg e_{4,5}$$

18.
$$\neg e_{4,5} \lor t_{e_{1,5}, e_{2,5}}, e_{4,5} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{e_{1,5}, e_{2,5}}$$

19.
$$\neg e_{4,5} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor e_{2,5} \lor \neg e_{4,5}$$

$$20. \ \neg e_{4,5} \lor t_{e_{1,5},\, e_{2,5}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5},\, \neg e_{5,6}} \vdash \neg e_{5,6} \lor \neg t_{e_{4,5},\, \neg e_{5,6}} \lor t_{e_{1,5},\, e_{2,5}}$$

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

$$22. \ \neg e_{5,6} \lor t_{e_{1,5},\, e_{2,5}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5},\, e_{5,6}} \vdash \neg t_{e_{4,5},\, e_{5,6}} \lor e_{4,5} \lor t_{e_{1,5},\, e_{2,5}}$$

$$23. \ \, \neg e_{5,6} \lor t_{e_{1,5},\,e_{2,5}}, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5},\,e_{5,6}} \vdash \neg t_{\neg e_{4,5},\,e_{5,6}} \lor t_{e_{1,5},\,e_{2,5}} \lor \neg e_{4,5}$$

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

$$25. \ \, \neg e_{5,6} \lor t_{e_{1,5},\,e_{2,5}}, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5},\,e_{5,6}} \vdash \neg t_{\neg e_{4,5},\,e_{5,6}} \lor t_{e_{1,5},\,e_{2,5}} \lor \neg e_{4,5}$$

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

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

28.
$$\neg e_{5,6} \lor t_{e_{1,5}, e_{2,5}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5}, e_{5,6}} \vdash \neg t_{e_{4,5}, e_{5,6}} \lor e_{4,5} \lor t_{e_{1,5}, e_{2,5}}$$

$$29. \ \, \neg e_{5,6} \lor t_{e_{1,5},\,e_{2,5}}, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5},\,e_{5,6}} \vdash \neg t_{\neg e_{4,5},\,e_{5,6}} \lor t_{e_{1,5},\,e_{2,5}} \lor \neg e_{4,5}$$

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

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

32.
$$\neg e_{5,6} \lor t_{e_{1,5}, e_{2,5}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5}, e_{5,6}} \vdash \neg t_{e_{4,5}, e_{5,6}} \lor e_{4,5} \lor t_{e_{1,5}, e_{2,5}}$$

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

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

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

$$36. \ \, \neg e_{5,6} \lor t_{e_{1,5},\,e_{2,5}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5},\,e_{5,6}} \vdash \neg t_{e_{4,5},\,e_{5,6}} \lor e_{4,5} \lor t_{e_{1,5},\,e_{2,5}}$$

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

$$38. \ \, \neg e_{5,6} \lor t_{e_{1,5},\,e_{2,5}}, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5},\,e_{5,6}} \vdash \neg t_{\neg e_{4,5},\,e_{5,6}} \lor t_{e_{1,5},\,e_{2,5}} \lor \neg e_{4,5}$$

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

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

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

42.
$$\neg e_{5,6} \lor t_{e_{1,5}, e_{2,5}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}} \vdash e_{4,6} \lor t_{e_{1,5}, e_{2,5}} \lor \neg t_{e_{4,6}, e_{5,6}}$$

43.
$$\neg e_{5,6} \lor t_{e_{1,5}, e_{2,5}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \vdash \neg t_{\neg e_{4,6}, e_{5,6}} \lor t_{e_{1,5}, e_{2,5}} \lor \neg e_{4,6}$$

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

$$45. \ \neg e_{5,6} \lor t_{e_{1,5},\,e_{2,5}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\,e_{5,6}} \vdash \neg t_{\neg e_{4,6},\,e_{5,6}} \lor t_{e_{1,5},\,e_{2,5}} \lor \neg e_{4,6}$$

- 46. $\neg e_{5,6} \lor t_{e_{1,5}, e_{2,5}}, e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,5}, e_{2,5}}$
- 47. $\neg e_{5,6} \lor t_{e_{1,5}, e_{2,5}}, e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,5}, e_{2,5}}$
- 48. $\neg e_{5,6} \lor t_{e_{1,5}, e_{2,5}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}} \vdash e_{4,6} \lor t_{e_{1,5}, e_{2,5}} \lor \neg t_{e_{4,6}, e_{5,6}}$
- $49. \ \, \neg e_{5,6} \lor t_{e_{1,5},\,e_{2,5}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\,e_{5,6}} \vdash \neg t_{\neg e_{4,6},\,e_{5,6}} \lor t_{e_{1,5},\,e_{2,5}} \lor \neg e_{4,6}$
- 50. $\neg e_{5,6} \lor t_{e_{1,5}, e_{2,5}}, e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,5}, e_{2,5}}$
- 51. $\neg e_{5,6} \lor t_{e_{1,5}, e_{2,5}}, e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,5}, e_{2,5}}$
- $52. \ \neg e_{5,6} \lor t_{e_{1,5},\,e_{2,5}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}} \vdash e_{4,6} \lor t_{e_{1,5},\,e_{2,5}} \lor \neg t_{e_{4,6},\,e_{5,6}}$
- 53. $\neg e_{5,6} \lor t_{e_{1,5}, e_{2,5}}, e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,5}, e_{2,5}}$
- 54. $\neg e_{5,6} \lor t_{e_{1,5}, e_{2,5}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}} \vdash e_{4,6} \lor t_{e_{1,5}, e_{2,5}} \lor \neg t_{e_{4,6}, e_{5,6}}$
- $55. \ \, \neg e_{5,6} \lor t_{e_{1,5},\,e_{2,5}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\,e_{5,6}} \vdash \neg t_{\neg e_{4,6},\,e_{5,6}} \lor t_{e_{1,5},\,e_{2,5}} \lor \neg e_{4,6}$
- 56. $\neg e_{5,6} \lor t_{e_{1,5}, e_{2,5}}, e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,5}, e_{2,5}}$
- $57. \ \neg e_{3,5} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{e_{4,5},\,e_{5,6}}, e_{3,5} \lor t_{\neg e_{1,3},\,\neg e_{2,3}} \vdash t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{e_{4,5},\,e_{5,6}}, e_{3,5} \lor t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{1,5},\,e_{2,5}} \lor t_{\neg e_{2,5},\,e_{2,5}} \lor t_{\neg e_{$
- $58. \ \neg e_{3,5} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{e_{4,5},\,e_{5,6}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5},\,e_{3,6}} \vdash \neg t_{e_{3,5},\,e_{3,6}} \lor t_{e_{1,5},\,e_{2,5}} \lor e_{3,6} \lor t_{e_{4,5},\,e_{5,6}}$
- $59. \ \neg e_{3,5} \lor t_{e_{1,5}, \, e_{2,5}} \lor t_{e_{4,5}, \, e_{5,6}}, e_{3,5} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor t_{e_{1,5}, \, e_{2,5}} \lor t_{e_{4,5}, \, e_{5,6}}$
- $60. \ \, \neg e_{3,5} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{e_{4,5},\,e_{5,6}}, e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5},\,\neg e_{3,6}} \vdash \neg e_{3,6} \lor t_{e_{1,5},\,e_{2,5}} \lor \neg t_{e_{3,5},\,\neg e_{3,6}} \lor t_{e_{4,5},\,e_{5,6}} \lor \neg t_{e_{4,5},\,e_{5,6}}, e_{3,5} \lor \neg t_{e_{3,5},\,\neg e_{3,6}} \lor \neg$
- $61. \ \neg e_{3,5} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{e_{4,5},\,e_{5,6}}, e_{3,5} \lor t_{\neg e_{1,3},\,e_{2,3}} \vdash t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{4,5},\,e_{5,6}}$
- $62. \ \neg e_{3,5} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{e_{4,5},\,e_{5,6}}, e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5},\,\neg e_{3,6}} \vdash \neg e_{3,6} \lor t_{e_{1,5},\,e_{2,5}} \lor \neg t_{e_{3,5},\,\neg e_{3,6}} \lor t_{e_{4,5},\,e_{5,6}}$
- 63. $\neg e_{3,5} \lor t_{e_{1,5}, e_{2,5}} \lor t_{e_{4,5}, e_{5,6}}, e_{3,5} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{4,5}, e_{5,6}}$
- $64. \ \, \neg e_{3,5} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{e_{4,5},\,e_{5,6}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5},\,e_{3,6}} \vdash \neg t_{e_{3,5},\,e_{3,6}} \lor t_{e_{1,5},\,e_{2,5}} \lor e_{3,6} \lor t_{e_{4,5},\,e_{5,6}}$
- 65. $\neg e_{3,5} \lor t_{e_{1,5}, e_{2,5}} \lor t_{e_{4,5}, e_{5,6}}, e_{3,5} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,5}, e_{2,5}} \lor t_{e_{4,5}, e_{5,6}}$
- $66. \ \, \neg e_{3,5} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{e_{4,5},\,e_{5,6}}, e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5},\,\neg e_{3,6}} \vdash \neg e_{3,6} \lor t_{e_{1,5},\,e_{2,5}} \lor \neg t_{e_{3,5},\,\neg e_{3,6}} \lor t_{e_{4,5},\,e_{5,6}} \lor \neg t_{e_{3,5},\,\neg e_{3,6}} \lor t_{e_{4,5},\,e_{5,6}} \lor \neg t_{e_{3,5},\,\neg e_{3,6}} \lor \neg t_{e_{3,5}$
- $67. \ \neg e_{3,5} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{e_{4,5},\,e_{5,6}}, e_{3,5} \lor t_{e_{1,3},\,\neg e_{2,3}} \vdash t_{e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{e_{4,5},\,e_{5,6}}$
- $68. \ \neg e_{3,5} \lor t_{e_{1,5},\, e_{2,5}} \lor t_{e_{4,5},\, e_{5,6}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5},\, e_{3,6}} \vdash \neg t_{e_{3,5},\, e_{3,6}} \lor t_{e_{1,5},\, e_{2,5}} \lor e_{3,6} \lor t_{e_{4,5},\, e_{5,6}}$
- $69. \ \neg e_{3,5} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{e_{4,5},\,e_{5,6}}, e_{3,5} \lor t_{e_{1,3},\,e_{2,3}} \vdash t_{e_{1,5},\,e_{2,5}} \lor t_{e_{1,3},\,e_{2,3}} \lor t_{e_{4,5},\,e_{5,6}}$
- 70. $\neg e_{3,5} \lor t_{e_{1,5}, e_{2,5}} \lor t_{e_{4,5}, e_{5,6}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5}, e_{3,6}} \vdash \neg t_{e_{3,5}, e_{3,6}} \lor t_{e_{1,5}, e_{2,5}} \lor e_{3,6} \lor t_{e_{4,5}, e_{5,6}}$
- 71. $\neg e_{3,5} \lor t_{e_{1,5}, e_{2,5}} \lor t_{e_{4,5}, e_{5,6}}, e_{3,5} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{e_{1,5}, e_{2,5}} \lor t_{e_{1,3}, e_{2,3}} \lor t_{e_{4,5}, e_{5,6}}$
- 72. $\neg e_{3,5} \lor t_{e_{1,5}, e_{2,5}} \lor t_{e_{4,5}, e_{5,6}}, e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5}, \neg e_{3,6}} \vdash \neg e_{3,6} \lor t_{e_{1,5}, e_{2,5}} \lor \neg t_{e_{3,5}, \neg e_{3,6}} \lor t_{e_{4,5}, e_{5,6}}$

- 73. $\neg e_{3,5} \lor t_{e_{1,5}, e_{2,5}} \lor t_{e_{4,5}, e_{5,6}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5}, e_{5,6}} \vdash e_{5,6} \lor e_{4,5} \lor t_{e_{1,5}, e_{2,5}} \lor \neg e_{3,5}$
- $74. \ \neg e_{3,5} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{e_{4,5},\,e_{5,6}}, e_{3,5} \lor t_{\neg e_{1,5},\,\neg e_{2,5}} \lor t_{\neg e_{4,5},\,e_{5,6}} \vdash t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,5},\,\neg e_{2,5}} \lor t_{e_{4,5},\,e_{5,6}} \lor t_{\neg e_{4,5},\,e_{5,6}} \lor t_{\neg e_{4,5},\,e_{5,6}$
- $75. \ \neg e_{3,5} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{e_{4,5},\,e_{5,6}}, e_{3,5} \lor t_{\neg e_{1,5},\,\neg e_{2,5}} \lor t_{e_{4,5},\,\neg e_{5,6}} \vdash t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,5},\,\neg e_{2,5}} \lor t_{e_{4,5},\,\neg e_{5,6}} \lor t_{e_{4,5},\,e_{5,6}}, e_{4,5}, e_{5,6} \lor t_{e_{4,5},\,e_{5,6}} \lor t_{e_{4,5$
- $76. \ \neg e_{3,5} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{e_{4,5},\,e_{5,6}}, e_{3,5} \lor t_{\neg e_{1,5},\,e_{2,5}} \lor t_{\neg e_{4,5},\,\neg e_{5,6}} \vdash t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{4,5},\,\neg e_{5,6}} \lor t_{e_{4,5},\,e_{5,6}} \lor t_{\neg e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,5},\,e_{2,5}} \lor t_{\neg e_{4,5},\,\neg e_{5,6}} \lor t_{\neg e_{4,5},\,\neg e_{5,6}} \lor t_{\neg e_{4,5},\,e_{5,6}} \lor t_{\neg e_{4,5},\,e_{$
- 77. $\neg e_{3,5} \lor t_{e_{1,5}, e_{2,5}} \lor t_{e_{4,5}, e_{5,6}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5}, e_{5,6}} \vdash e_{5,6} \lor e_{4,5} \lor t_{e_{1,5}, e_{2,5}} \lor \neg e_{3,5}$
- $78. \ \neg e_{3,5} \lor t_{e_{1,5},\, e_{2,5}} \lor t_{e_{4,5},\, e_{5,6}}, e_{3,5} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor t_{e_{4,5},\, e_{5,6}} \vdash t_{e_{1,5},\, e_{2,5}} \lor t_{e_{4,5},\, e_{5,6}} \lor t_{\neg e_{1,5},\, e_{2,5}}$
- $79. \ \neg e_{3,5} \lor t_{e_{1,5},\, e_{2,5}} \lor t_{e_{4,5},\, e_{5,6}}, e_{3,5} \lor t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{4,5},\, \neg e_{5,6}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor t_{e_{1,5},\, e_{2,5}} \lor t_{\neg e_{4,5},\, \neg e_{5,6}} \lor t_{e_{4,5},\, e_{5,6}} \lor t_{e_{4,5},\,$
- $80. \ \, \neg e_{3,5} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{e_{4,5},\,e_{5,6}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5},\,e_{5,6}} \vdash e_{5,6} \lor e_{4,5} \lor t_{e_{1,5},\,e_{2,5}} \lor \neg e_{3,5}$
- 81. $\neg e_{3,5} \lor t_{e_{1,5}, e_{2,5}} \lor t_{e_{4,5}, e_{5,6}}, e_{3,5} \lor t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{4,5}, e_{5,6}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,5}, e_{2,5}} \lor t_{e_{4,5}, e_{5,6}}$
- $82. \ \neg e_{3,5} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{e_{4,5},\,e_{5,6}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \vdash e_{1,5} \lor e_{2,5} \lor t_{e_{4,5},\,e_{5,6}} \lor \neg e_{3,5}$
- $83. \ \, \neg e_{3,5} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{e_{4,5},\,e_{5,6}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \vdash e_{1,5} \lor e_{2,5} \lor t_{e_{4,5},\,e_{5,6}} \lor \neg e_{3,5}$
- $84. \ \, \neg e_{3,5} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{e_{4,5},\,e_{5,6}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5},\,e_{5,6}} \vdash e_{5,6} \lor e_{4,5} \lor t_{e_{1,5},\,e_{2,5}} \lor \neg e_{3,5}$
- $85. \ \neg e_{3,5} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{e_{4,5},\,e_{5,6}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \vdash e_{1,5} \lor e_{2,5} \lor t_{e_{4,5},\,e_{5,6}} \lor \neg e_{3,5}$
- $86. \ \, \neg e_{3,5} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{e_{4,5},\,e_{5,6}}, e_{3,5} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{4,5},\,e_{5,6}} \vdash t_{e_{1,5},\,e_{2,5}} \lor t_{e_{4,5},\,e_{5,6}} \lor t_{\neg e_{4,5},\,e_{5,6}} \lor$
- $87. \ \, \neg e_{3,5} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{e_{4,5},\,e_{5,6}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \vdash e_{1,5} \lor e_{2,5} \lor t_{e_{4,5},\,e_{5,6}} \lor \neg e_{3,5}$
- $88. \ \neg e_{3,5} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{e_{4,5},\,e_{5,6}}, e_{3,5} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{e_{4,5},\,\neg e_{5,6}} \vdash t_{e_{1,5},\,e_{2,5}} \lor t_{e_{4,5},\,\neg e_{5,6}} \lor t_{e_{4,5},\,e_{5,6}} \lor t_{e_{4,5},\,$
- $89. \ e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5},\, e_{2,5}}, \neg e_{1,5} \lor t_{e_{1,2},\, e_{1,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5}$
- $90. \ e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5},\,e_{2,5}}, \neg e_{1,5} \lor \neg e_{1,6} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg e_{1,6} \lor \neg e_{$
- 91. $e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5},\, e_{2,5}}, \neg e_{1,5} \lor t_{e_{1,2},\, e_{1,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5}$
- 92. $e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5}, e_{2,5}}, \neg e_{1,5} \lor e_{1,6} \lor \neg t_{\neg e_{1,5}, e_{1,6}} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor e_{1,6}$
- 93. $e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5}, e_{2,5}}, \neg e_{1,5} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}}$
- $94. \ \ e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5},\,e_{2,5}}, \neg e_{1,5} \lor e_{1,6} \lor \neg t_{\neg e_{1,5},\,e_{1,6}} \vdash \neg t_{\neg e_{1,5},\,e_{1,6}} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor e_{1,6}$
- 95. $e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5}, e_{2,5}}, \neg e_{1,5} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5} \lor t_{e_{1,2}, \neg e_{1,3}}$
- $96. \ e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5},\,e_{2,5}}, \neg e_{1,5} \lor \neg e_{1,6} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg e_{1,6} \lor \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor \neg e_{1,6} \lor \neg e_{$
- 97. $e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5}, e_{2,5}}, \neg e_{1,5} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5}$
- $98. \ e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5},\, e_{2,5}}, \neg e_{1,5} \lor e_{1,6} \lor \neg t_{\neg e_{1,5},\, e_{1,6}} \vdash \neg t_{\neg e_{1,5},\, e_{1,6}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5} \lor e_{1,6}$
- 99. $e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5}, e_{2,5}}, \neg e_{1,5} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5}$

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

$$101. \ e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5},\,e_{2,5}}, \neg e_{1,5} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \vdash \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor t_{\neg e_{1,2},\,\neg e_{1,3}}$$

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

$$103. \ e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5},\,e_{2,5}}, \neg e_{1,5} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \vdash \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor t_{\neg e_{1,2},\,\neg e_{1,3}}$$

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

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

$$106. \ e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5},\, e_{2,5}}, \neg e_{2,5} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash e_{1,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor t_{\neg e_{1,2},\, \neg e_{2,3}}$$

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

108.
$$e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5}, e_{2,5}}, \neg e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

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

110.
$$e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5}, e_{2,5}}, \neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

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

112.
$$e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5}, e_{2,5}}, \neg e_{2,5} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

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

$$114. \ e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5},\, e_{2,5}}, \neg e_{2,5} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash e_{1,5} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{e_{1,5},\, e_{2,5}}$$

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

116.
$$e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5}, e_{2,5}}, \neg e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash e_{1,5} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{e_{1,5}, e_{2,5}}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

137.
$$e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5}, e_{2,5}}, e_{4,5} \lor t_{e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor e_{4,5} \lor e_{2,5}$$

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

$$139. \ e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5},\,e_{2,5}}, \neg e_{3,5} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{4,5},\,\neg e_{5,6}} \vdash e_{1,5} \lor t_{\neg e_{4,5},\,\neg e_{5,6}} \lor e_{2,5} \lor \neg e_{3,5}$$

140.
$$e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5}, e_{2,5}}, \neg e_{4,5} \lor t_{e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor e_{2,5} \lor \neg e_{4,5}$$

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

$$142. \ e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5},\, e_{2,5}}, \neg e_{3,5} \lor t_{e_{1,5},\, e_{2,5}} \lor t_{e_{4,5},\, e_{5,6}} \vdash e_{1,5} \lor e_{2,5} \lor t_{e_{4,5},\, e_{5,6}} \lor \neg e_{3,5}$$

143.
$$e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5}, e_{2,5}}, e_{4,5} \lor t_{e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor e_{4,5} \lor e_{2,5}$$

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

$$145. \ e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5},\,e_{2,5}}, e_{3,5} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{4,5},\,e_{5,6}} \vdash e_{1,5} \lor e_{3,5} \lor e_{2,5} \lor t_{\neg e_{4,5},\,e_{5,6}}$$

146.
$$e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5}, e_{2,5}}, \neg e_{4,5} \lor t_{e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor e_{2,5} \lor \neg e_{4,5}$$

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

$$148. \ e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5},\,e_{2,5}}, e_{3,5} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{e_{4,5},\,\neg e_{5,6}} \vdash e_{1,5} \lor e_{3,5} \lor t_{e_{4,5},\,\neg e_{5,6}} \lor e_{2,5}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

164.
$$\neg e_{1,5} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,5}, e_{2,5}}$$

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

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

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

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

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

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

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

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

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

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

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

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

177.
$$\neg e_{2,5} \lor t_{e_{1,5}, e_{2,5}}, e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,5}, e_{2,5}}$$

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

179.
$$\neg e_{2,5} \lor t_{e_{1,5}, e_{2,5}}, e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,5}, e_{2,5}}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$$205. \ \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5}, \, e_{5,6}}, e_{4,5} \lor t_{\neg e_{1,4}, \, \neg e_{2,4}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,5}, \, e_{5,6}} \lor t_{\neg e_{1,4}, \, \neg e_{2,4}}$$

$$206. \ \, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5},\, e_{4,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}} \lor e_{4,6} \lor \neg t_{e_{4,5},\, e_{4,6}} \lor \neg t_{e_{4,5},\, e_{4$$

$$207. \ \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5}, \, e_{5,6}}, e_{4,5} \lor t_{\neg e_{1,4}, \, \neg e_{2,4}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,5}, \, e_{5,6}} \lor t_{\neg e_{1,4}, \, \neg e_{2,4}}$$

$$208. \ \, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}}, e_{4,5} \lor \neg e_{4,6} \lor \neg t_{e_{4,5},\, \neg e_{4,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{e_{4,5},\, \neg e_{4,6}} \lor \neg t_{e_{4,5},\, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{e_{4,5},\, e_{5,6}} \lor \neg e_{4,6} \lor \neg e_{$$

$$209. \ \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}}, e_{4,5} \lor t_{\neg e_{1,4},\, e_{2,4}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}} \lor t_{\neg e_{1,4},\, e_{2,4}}$$

$$210. \ \, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}}, e_{4,5} \lor \neg e_{4,6} \lor \neg t_{e_{4,5},\, \neg e_{4,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{e_{4,5},\, \neg e_{4,6}} \lor \neg t_{e_{4,5},\, \neg e_{4,6}} \lor \neg t_{e_{4,5},\, e_{5,6}} \lor \neg t_{e_{4$$

$$211. \ \, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}}, e_{4,5} \lor t_{\neg e_{1,4},\, e_{2,4}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}} \lor t_{\neg e_{1,4},\, e_{2,4}}$$

$$212. \ \, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5},\, e_{4,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}} \lor e_{4,6} \lor \neg t_{e_{4,5},\, e_{4,6}} \lor \neg t_{e_{4,5},\, e_{4$$

$$213. \ \, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}}, e_{4,5} \lor t_{e_{1,4},\, \neg e_{2,4}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}} \lor t_{e_{1,4},\, \neg e_{2,4}}$$

$$214. \ \, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}}, e_{4,5} \lor \neg e_{4,6} \lor \neg t_{e_{4,5},\, \neg e_{4,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{e_{4,5},\, \neg e_{4,6}} \lor \neg e_{4,6} \lor \neg e_{4,6}$$

$$215. \ \, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}}, e_{4,5} \lor t_{e_{1,4},\, \neg e_{2,4}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}} \lor t_{e_{1,4},\, \neg e_{2,4}}$$

$$216. \ \, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5},\, e_{4,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}} \lor e_{4,6} \lor \neg t_{e_{4,5},\, e_{4,6}} \lor \neg t_{e_{4,5},\, e_{4$$

$$217. \ \, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}}, e_{4,5} \lor t_{e_{1,4},\, e_{2,4}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}} \lor t_{e_{1,4},\, e_{2,4}}$$

$$218. \ \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5}, \, e_{5,6}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5}, \, e_{4,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,5}, \, e_{5,6}} \lor e_{4,6} \lor \neg t_{e_{4,5}, \, e_{4,6}}$$

$$219. \ \, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}}, e_{4,5} \lor t_{e_{1,4},\, e_{2,4}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}} \lor t_{e_{1,4},\, e_{2,4}}$$

$$220. \ \, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}}, e_{4,5} \lor \neg e_{4,6} \lor \neg t_{e_{4,5},\, \neg e_{4,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{e_{4,5},\, \neg e_{4,6}} \lor \neg t_{e_{4,5},\, \neg e_{4,6}} \lor \neg t_{e_{4,5},\, e_{5,6}} \lor \neg t_{e_{4$$

$$221. \ \, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}}, \neg e_{4,5} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,5},\, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,5},\, e_{5,6}} \lor \neg t_{\neg e_{4,5},\, \neg e_{5,6}} \lor \neg e_{4,5}$$

$$222. \ \, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}}, e_{4,5} \lor t_{\neg e_{1,5},\, \neg e_{2,5}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}} \lor t_{\neg e_{1,5},\, \neg e_{2,5}}$$

$$223. \ \, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5},\, e_{5,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}} \lor \neg t_{e_{4,5},\, e_{5,6}} \lor \neg t$$

$$224. \ \, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5}, \, e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5}, \, \neg e_{2,5}} \vdash \neg t_{\neg e_{4,5}, \, e_{5,6}} \lor t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor \neg e_{4,5}$$

$$225. \ \, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}}, e_{4,5} \lor t_{\neg e_{1,5},\, \neg e_{2,5}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}} \lor t_{\neg e_{1,5},\, \neg e_{2,5}}$$

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

$$227. \ \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5}, \, e_{5,6}}, e_{3,5} \lor t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor t_{\neg e_{4,5}, \, e_{5,6}} \vdash e_{5,6} \lor e_{3,5} \lor t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor \neg e_{4,5}$$

$$228. \ \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5}, \, e_{5,6}}, e_{4,5} \lor t_{\neg e_{1,5}, \, e_{2,5}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,5}, \, e_{5,6}} \lor t_{\neg e_{1,5}, \, e_{2,5}}$$

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

$$230. \ \, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}}, \neg e_{3,5} \lor t_{\neg e_{1,5},\, e_{2,5}} \lor t_{\neg e_{4,5},\, e_{5,6}} \vdash e_{5,6} \lor \neg e_{3,5} \lor \neg e_{4,5} \lor t_{\neg e_{1,5},\, e_{2,5}}$$

$$231. \ \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5}, \, e_{5,6}}, \neg e_{4,5} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,5}, \, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,5}, \, e_{5,6}} \lor \neg t_{\neg e_{4,5}, \, \neg e_{5,6}} \lor \neg e_{4,5}$$

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

$$233. \ \, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5},\, e_{5,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}} \lor \neg t_{e_{4,5},\, e_{5,6}} \lor \neg t$$

$$234. \ \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5}, \, e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5}, \, e_{2,5}} \vdash \neg t_{\neg e_{4,5}, \, e_{5,6}} \lor \neg e_{4,5} \lor t_{\neg e_{1,5}, \, e_{2,5}}$$

$$235. \ \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}}, e_{4,5} \lor t_{e_{1,5},\, \neg e_{2,5}} \vdash e_{5,6} \lor t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{4,5},\, e_{5,6}}$$

$$236. \ \, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}}, \neg e_{5,6} \lor t_{e_{1,5},\, \neg e_{2,5}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{4,5},\, e_{5,6}} \lor \neg e_{4,5}$$

$$237. \ \, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}}, \neg e_{3,5} \lor t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{4,5},\, e_{5,6}} \vdash e_{5,6} \lor t_{e_{1,5},\, \neg e_{2,5}} \lor \neg e_{3,5} \lor \neg e_{4,5}$$

$$238. \ \, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}}, \neg e_{4,5} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,5},\, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,5},\, e_{5,6}} \lor \neg t_{\neg e_{4,5},\, \neg e_{5,6}} \lor \neg e_{4,5}$$

$$239. \ \, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}}, e_{4,5} \lor t_{e_{1,5},\, \neg e_{2,5}} \vdash e_{5,6} \lor t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{4,5},\, e_{5,6}}, e_{5,6} \lor e_{5,6$$

$$240. \ \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5},\, e_{5,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}} \lor \neg t_{e_{4,5},\, e_{5,6}} \lor \neg t_{e$$

$$241. \ \, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}}, \neg e_{5,6} \lor t_{e_{1,5},\, \neg e_{2,5}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{4,5},\, e_{5,6}} \lor \neg e_{4,5}$$

$$242. \ \, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}}, \neg e_{4,5} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,5},\, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,5},\, e_{5,6}} \lor \neg t_{\neg e_{4,5},\, \neg e_{5,6}} \lor \neg e_{4,5}$$

$$243. \ \, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}}, e_{4,5} \lor t_{e_{1,5},\, e_{2,5}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}} \lor t_{e_{1,5},\, e_{2,5}}$$

$$244. \ \, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5},\, e_{5,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}} \lor \neg t_{e_{4,5},\, e_{5,6}} \lor \neg t$$

$$245. \ \, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}}, \neg e_{5,6} \lor t_{e_{1,5},\, e_{2,5}} \vdash \neg t_{\neg e_{4,5},\, e_{5,6}} \lor t_{e_{1,5},\, e_{2,5}} \lor \neg e_{4,5}$$

$$246. \ \, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}}, e_{4,5} \lor t_{e_{1,5},\, e_{2,5}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}} \lor t_{e_{1,5},\, e_{2,5}}$$

$$247. \ \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5}, \, e_{5,6}}, \neg e_{5,6} \lor t_{e_{1,5}, \, e_{2,5}} \vdash \neg t_{\neg e_{4,5}, \, e_{5,6}} \lor t_{e_{1,5}, \, e_{2,5}} \lor \neg e_{4,5}$$

$$248. \ \, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}}, e_{3,5} \lor t_{e_{1,5},\, e_{2,5}} \lor t_{\neg e_{4,5},\, e_{5,6}} \vdash e_{5,6} \lor e_{3,5} \lor t_{e_{1,5},\, e_{2,5}} \lor \neg e_{4,5}$$

$$249. \ \, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,5},\, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \lor \neg e_{4,5}$$

$$250. \ \, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash \neg t_{\neg e_{4,5},\, e_{5,6}} \lor \neg e_{4,5} \lor t_{\neg e_{1,6},\, \neg e_{2,6}}$$

$$251. \ \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5}, \, e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}} \vdash \neg t_{\neg e_{4,5}, \, e_{5,6}} \lor \neg e_{4,5} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}$$

$$252. \ \, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6},\, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,5},\, e_{5,6}} \lor e_{4,6} \lor \neg t_{e_{4,6},\, \neg e_{5,6}} \lor \neg e_{4,5}$$

$$253. \ \, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \vdash \neg t_{\neg e_{4,5},\, e_{5,6}} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{4,5}$$

$$254. \ \, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6},\, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,5},\, e_{5,6}} \lor e_{4,6} \lor \neg t_{e_{4,6},\, \neg e_{5,6}} \lor \neg e_{4,5}$$

$$255. \ \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5}, \, e_{5,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,5}, \, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \, \neg e_{5,6}} \lor \neg e_{4,5}$$

$$256. \ \, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \vdash \neg t_{\neg e_{4,5},\, e_{5,6}} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{4,5}$$

$$257. \ \, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5}, \, e_{5,6}}, \neg e_{5,6} \lor t_{e_{1,6}, \, \neg e_{2,6}} \vdash \neg t_{\neg e_{4,5}, \, e_{5,6}} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg e_{4,5}$$

$$258. \ \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5}, \, e_{5,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,5}, \, e_{5,6}} \lor e_{4,6} \lor \neg t_{e_{4,6}, \, \neg e_{5,6}} \lor \neg e_{4,5}$$

$$259. \ \, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,5},\, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \lor \neg e_{4,5}$$

$$260. \ \, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}}, \neg e_{5,6} \lor t_{e_{1,6},\, \neg e_{2,6}} \vdash \neg t_{\neg e_{4,5},\, e_{5,6}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor \neg e_{4,5}$$

$$261. \ \, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,5},\, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \lor \neg e_{4,5}$$

$$262. \ \, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}}, \neg e_{5,6} \lor t_{e_{1,6},\, e_{2,6}} \vdash \neg t_{\neg e_{4,5},\, e_{5,6}} \lor t_{e_{1,6},\, e_{2,6}} \lor \neg e_{4,5}$$

263.
$$\neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5}, e_{5,6}}, \neg e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \vdash \neg t_{\neg e_{4,5}, e_{5,6}} \lor t_{e_{1,6}, e_{2,6}} \lor \neg e_{4,5}$$

$$264. \ \, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6},\, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,5},\, e_{5,6}} \lor e_{4,6} \lor \neg t_{e_{4,6},\, \neg e_{5,6}} \lor \neg e_{4,5}$$

$$265. \ \ e_{4,5} \lor t_{e_{1,5},\,e_{2,5}}, \neg e_{4,5} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{4,6}} \vdash \neg t_{\neg e_{4,5},\,\neg e_{4,6}} \lor t_{e_{1,5},\,e_{2,5}} \lor \neg e_{4,6}$$

266.
$$e_{4,5} \lor t_{e_{1,5}, e_{2,5}}, \neg e_{4,5} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \vdash t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,4}, \neg e_{2,4}}$$

$$267. \ e_{4,5} \lor t_{e_{1,5},\,e_{2,5}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5},\,e_{4,6}} \vdash e_{4,6} \lor t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{4,5},\,e_{4,6}}$$

$$268. \ e_{4,5} \lor t_{e_{1,5},\,e_{2,5}}, \neg e_{4,5} \lor t_{\neg e_{1,4},\,\neg e_{2,4}} \vdash t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,4},\,\neg e_{2,4}}$$

$$269. \ e_{4,5} \lor t_{e_{1,5},\,e_{2,5}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5},\,e_{4,6}} \vdash e_{4,6} \lor t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{4,5},\,e_{4,6}}$$

270.
$$e_{4,5} \lor t_{e_{1,5}, e_{2,5}}, \neg e_{4,5} \lor t_{\neg e_{1,4}, e_{2,4}} \vdash t_{\neg e_{1,4}, e_{2,4}} \lor t_{e_{1,5}, e_{2,5}}$$

$$271. \ e_{4,5} \lor t_{e_{1,5},\,e_{2,5}}, \neg e_{4,5} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{4,6}} \vdash \neg t_{\neg e_{4,5},\,\neg e_{4,6}} \lor t_{e_{1,5},\,e_{2,5}} \lor \neg e_{4,6}$$

272.
$$e_{4,5} \lor t_{e_{1,5}, e_{2,5}}, \neg e_{4,5} \lor t_{\neg e_{1,4}, e_{2,4}} \vdash t_{\neg e_{1,4}, e_{2,4}} \lor t_{e_{1,5}, e_{2,5}}$$

$$273. \ e_{4,5} \lor t_{e_{1,5},\, e_{2,5}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5},\, e_{4,6}} \vdash e_{4,6} \lor t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{4,5},\, e_{4,6}}$$

274.
$$e_{4,5} \lor t_{e_{1,5}, e_{2,5}}, \neg e_{4,5} \lor t_{e_{1,4}, \neg e_{2,4}} \vdash t_{e_{1,4}, \neg e_{2,4}} \lor t_{e_{1,5}, e_{2,5}}$$

$$275. \ e_{4,5} \lor t_{e_{1,5},\,e_{2,5}}, \neg e_{4,5} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{4,6}} \vdash \neg t_{\neg e_{4,5},\,\neg e_{4,6}} \lor t_{e_{1,5},\,e_{2,5}} \lor \neg e_{4,6}$$

276.
$$e_{4,5} \lor t_{e_{1,5}, e_{2,5}}, \neg e_{4,5} \lor t_{e_{1,4}, \neg e_{2,4}} \vdash t_{e_{1,4}, \neg e_{2,4}} \lor t_{e_{1,5}, e_{2,5}}$$

$$277. \ e_{4,5} \lor t_{e_{1,5},\,e_{2,5}}, \neg e_{4,5} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{4,6}} \vdash \neg t_{\neg e_{4,5},\,\neg e_{4,6}} \lor t_{e_{1,5},\,e_{2,5}} \lor \neg e_{4,6}$$

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

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

280.
$$e_{4,5} \lor t_{e_{1,5}, e_{2,5}}, \neg e_{4,5} \lor t_{e_{1,4}, e_{2,4}} \vdash t_{e_{1,4}, e_{2,4}} \lor t_{e_{1,5}, e_{2,5}}$$

$$281. \ e_{4,5} \lor t_{e_{1,5},\,e_{2,5}}, \neg e_{4,5} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{5,6}} \vdash \neg e_{5,6} \lor t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{4,5},\,\neg e_{5,6}}$$

282.
$$e_{4,5} \lor t_{e_{1,5}, e_{2,5}}, \neg e_{4,5} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,5}, \neg e_{2,5}}$$

$$283. \ e_{4,5} \lor t_{e_{1,5},\, e_{2,5}}, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}} \lor t_{e_{1,5},\, e_{2,5}}$$

$$284. \ e_{4,5} \lor t_{e_{1,5},\,e_{2,5}}, \neg e_{4,5} \lor t_{\neg e_{1,5},\,\neg e_{2,5}} \vdash t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,5},\,\neg e_{2,5}}$$

285.
$$e_{4,5} \lor t_{e_{1,5}, e_{2,5}}, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5}, e_{5,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,5}, e_{5,6}} \lor t_{e_{1,5}, e_{2,5}}$$

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

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

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

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

290.
$$e_{4,5} \lor t_{e_{1,5}, e_{2,5}}, \neg e_{4,5} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,5}, e_{2,5}}$$

$$291. \ e_{4,5} \lor t_{e_{1,5},\,e_{2,5}}, \neg e_{4,5} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{5,6}} \vdash \neg e_{5,6} \lor t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{4,5},\,\neg e_{5,6}}$$

292.
$$e_{4,5} \lor t_{e_{1,5},\,e_{2,5}}, \neg e_{4,5} \lor t_{e_{1,5},\,\neg e_{2,5}} \vdash t_{e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,5},\,e_{2,5}}$$

293.
$$e_{4,5} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor e_{4,5} \lor e_{2,5}$$

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

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

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

297.
$$e_{4,5} \lor t_{e_{1.5}, e_{2.5}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1.5}, e_{2.5}} \vdash e_{1,5} \lor e_{4,5} \lor e_{2,5}$$

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

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

300.
$$e_{4,5} \lor t_{e_{1,5}, e_{2,5}}, \neg e_{4,5} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{e_{1,5}, e_{2,5}}$$

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

302.
$$\neg e_{5,6} \lor t_{e_{1,5}, e_{2,5}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5}, e_{5,6}} \vdash \neg t_{e_{4,5}, e_{5,6}} \lor e_{4,5} \lor t_{e_{1,5}, e_{2,5}}$$

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

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

$$305. \ \neg e_{5,6} \lor t_{e_{1,5},\,e_{2,5}}, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5},\,e_{5,6}} \vdash \neg t_{\neg e_{4,5},\,e_{5,6}} \lor t_{e_{1,5},\,e_{2,5}} \lor \neg e_{4,5}$$

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

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

308.
$$\neg e_{5,6} \lor t_{e_{1,5}, e_{2,5}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5}, e_{5,6}} \vdash \neg t_{e_{4,5}, e_{5,6}} \lor e_{4,5} \lor t_{e_{1,5}, e_{2,5}}$$

309.
$$\neg e_{5,6} \lor t_{e_{1,5}, e_{2,5}}, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5}, e_{5,6}} \vdash \neg t_{\neg e_{4,5}, e_{5,6}} \lor t_{e_{1,5}, e_{2,5}} \lor \neg e_{4,5}$$

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

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

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

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

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

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

316.
$$\neg e_{5,6} \lor t_{e_{1,5}, e_{2,5}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5}, e_{5,6}} \vdash \neg t_{e_{4,5}, e_{5,6}} \lor e_{4,5} \lor t_{e_{1,5}, e_{2,5}}$$

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

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

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

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

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

$$322. \ \, \neg e_{5,6} \lor t_{e_{1,5},\,e_{2,5}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}} \vdash e_{4,6} \lor t_{e_{1,5},\,e_{2,5}} \lor \neg t_{e_{4,6},\,e_{5,6}}$$

$$323. \ \, \neg e_{5,6} \lor t_{e_{1,5},\,e_{2,5}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\,e_{5,6}} \vdash \neg t_{\neg e_{4,6},\,e_{5,6}} \lor t_{e_{1,5},\,e_{2,5}} \lor \neg e_{4,6}$$

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

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

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

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

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

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

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

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

332.
$$\neg e_{5,6} \lor t_{e_{1,5}, e_{2,5}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}} \vdash e_{4,6} \lor t_{e_{1,5}, e_{2,5}} \lor \neg t_{e_{4,6}, e_{5,6}}$$

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

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

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

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

$$337. \ e_{3,5} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{4,5},\,e_{5,6}}, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5},\,\neg e_{3,6}} \vdash \neg e_{3,6} \lor t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{3,5},\,\neg e_{3,6}} \lor t_{\neg e_{4,5},\,e_{5,6}}$$

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

$$339. \ e_{3,5} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{4,5},\,e_{5,6}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\,e_{3,6}} \vdash t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{3,5},\,e_{3,6}} \lor e_{3,6} \lor t_{\neg e_{4,5},\,e_{5,6}}$$

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

$$341. \ e_{3,5} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{4,5},\,e_{5,6}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\,e_{3,6}} \vdash t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{3,5},\,e_{3,6}} \lor e_{3,6} \lor t_{\neg e_{4,5},\,e_{5,6}}$$

342.
$$e_{3,5} \lor t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{4,5}, e_{5,6}}, \neg e_{3,5} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{4,5}, e_{5,6}}$$

$$343. \ e_{3,5} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{4,5},\,e_{5,6}}, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5},\,\neg e_{3,6}} \vdash \neg e_{3,6} \lor t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{3,5},\,\neg e_{3,6}} \lor t_{\neg e_{4,5},\,e_{5,6}}$$

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

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

$$346. \ e_{3,5} \lor t_{e_{1,5},\, e_{2,5}} \lor t_{\neg e_{4,5},\, e_{5,6}}, \neg e_{3,5} \lor t_{e_{1,3},\, \neg e_{2,3}} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,5},\, e_{2,5}} \lor t_{\neg e_{4,5},\, e_{5,6}}$$

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

348.
$$e_{3,5} \lor t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{4,5}, e_{5,6}}, \neg e_{3,5} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{4,5}, e_{5,6}}$$

$$349. \ e_{3,5} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{4,5},\,e_{5,6}}, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5},\,\neg e_{3,6}} \vdash \neg e_{3,6} \lor t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{3,5},\,\neg e_{3,6}} \lor t_{\neg e_{4,5},\,e_{5,6}}$$

$$350. \ e_{3,5} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{4,5},\,e_{5,6}}, \neg e_{3,5} \lor t_{e_{1,3},\,e_{2,3}} \vdash t_{e_{1,5},\,e_{2,5}} \lor t_{e_{1,3},\,e_{2,3}} \lor t_{\neg e_{4,5},\,e_{5,6}}$$

$$351. \ e_{3,5} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{4,5},\,e_{5,6}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\,e_{3,6}} \vdash t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{3,5},\,e_{3,6}} \lor e_{3,6} \lor t_{\neg e_{4,5},\,e_{5,6}}$$

$$352. \ e_{3,5} \lor t_{e_{1,5},\, e_{2,5}} \lor t_{\neg e_{4,5},\, e_{5,6}}, \neg e_{3,5} \lor t_{e_{1,3},\, e_{2,3}} \vdash t_{e_{1,5},\, e_{2,5}} \lor t_{e_{1,3},\, e_{2,3}} \lor t_{\neg e_{4,5},\, e_{5,6}}$$

$$353. \ e_{3,5} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{4,5},\,e_{5,6}}, \neg e_{3,5} \lor t_{\neg e_{1,5},\,\neg e_{2,5}} \lor t_{\neg e_{4,5},\,\neg e_{5,6}} \vdash t_{\neg e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{4,5},\,\neg e_{5,6}} \lor t_{\neg e_{4,5},\,e_{5,6}} \lor t_{\neg e_{4,5}$$

$$354. \ e_{3,5} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{4,5},\,e_{5,6}}, \neg e_{3,5} \lor t_{\neg e_{1,5},\,\neg e_{2,5}} \lor t_{e_{4,5},\,e_{5,6}} \vdash t_{\neg e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{4,5},\,e_{5,6}} \lor t_{e_{4,5},\,e_{5,6}} \lor t_{$$

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

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

$$357. \ e_{3,5} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{4,5},\,e_{5,6}}, \neg e_{3,5} \lor t_{e_{1,5},\,\neg e_{2,5}} \lor t_{\neg e_{4,5},\,e_{5,6}} \vdash t_{e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{4,5},\,e_{5,6}}$$

$$358. \ e_{3,5} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{4,5},\,e_{5,6}}, \neg e_{3,5} \lor t_{e_{1,5},\,\neg e_{2,5}} \lor t_{e_{4,5},\,\neg e_{5,6}} \vdash t_{e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{e_{4,5},\,\neg e_{5,6}} \lor t_{\neg e_{4,5},\,e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{4,5},\,e_{5,6}} \lor t_{\neg e_{4,5},\,e_{5,6}} \lor t_{\neg e_{4,5},\,e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{4,5},\,e_{5,6}}, \neg e_{5,$$

$$359. \ e_{3,5} \lor t_{e_{1,5},\, e_{2,5}} \lor t_{\neg e_{4,5},\, e_{5,6}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \vdash e_{1,5} \lor e_{3,5} \lor e_{2,5} \lor t_{\neg e_{4,5},\, e_{5,6}}$$

$$360. \ e_{3,5} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{4,5},\,e_{5,6}}, \neg e_{3,5} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{4,5},\,\neg e_{5,6}} \vdash t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{4,5},\,\neg e_{5,6}} \lor t_{\neg e_{4,5},\,e_{5,6}}$$

$$361. \ e_{3,5} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{4,5},\,e_{5,6}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \vdash e_{1,5} \lor e_{3,5} \lor e_{2,5} \lor t_{\neg e_{4,5},\,e_{5,6}}$$

$$362. \ e_{3,5} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{4,5},\,e_{5,6}}, \neg e_{3,5} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{e_{4,5},\,e_{5,6}} \vdash t_{e_{1,5},\,e_{2,5}} \lor t_{e_{4,5},\,e_{5,6}} \lor t_{\neg e_{4,5},\,e_{5,6}} \lor t$$

$$363. \ e_{3,5} \lor t_{e_{1,5}, \, e_{2,5}} \lor t_{\neg e_{4,5}, \, e_{5,6}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5}, \, e_{2,5}} \vdash e_{1,5} \lor e_{3,5} \lor e_{2,5} \lor t_{\neg e_{4,5}, \, e_{5,6}}$$

$$364. \ e_{3,5} \lor t_{e_{1,5},\, e_{2,5}} \lor t_{\neg e_{4,5},\, e_{5,6}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \vdash e_{1,5} \lor e_{3,5} \lor e_{2,5} \lor t_{\neg e_{4,5},\, e_{5,6}}$$

$$365. \ e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5},\, e_{2,5}}, \neg e_{1,5} \lor t_{e_{1,2},\, e_{1,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5}$$

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

367.
$$e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5}, e_{2,5}}, \neg e_{1,5} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5}$$

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

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

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

$$371. \ e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5},\,e_{2,5}}, \neg e_{1,5} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

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

$$373. \ e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5},\, e_{2,5}}, \neg e_{1,5} \lor t_{\neg e_{1,2},\, e_{1,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor \neg t_{e_{1,5},\, e_{2,5}} \lor e_{2,5}$$

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

375.
$$e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5}, e_{2,5}}, \neg e_{1,5} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,5}, e_{2,5}} \lor e_{2,5}$$

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

$$377. \ e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5},\,e_{2,5}}, \neg e_{1,5} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \vdash \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor t_{\neg e_{1,2},\,\neg e_{1,3}}$$

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

$$379. \ e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5},\,e_{2,5}}, \neg e_{1,5} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \vdash \neg t_{e_{1,5},\,e_{2,5}} \lor e_{2,5} \lor t_{\neg e_{1,2},\,\neg e_{1,3}}$$

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

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

382.
$$e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5}, e_{2,5}}, \neg e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

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

384.
$$e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5}, e_{2,5}}, \neg e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

413.
$$e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5}, e_{2,5}}, e_{4,5} \lor t_{e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor e_{4,5} \lor e_{2,5}$$

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

$$415. \ e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5},\,e_{2,5}}, \neg e_{3,5} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{4,5},\,\neg e_{5,6}} \vdash e_{1,5} \lor t_{\neg e_{4,5},\,\neg e_{5,6}} \lor e_{2,5} \lor \neg e_{3,5}$$

416.
$$e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5},\,e_{2,5}}, \neg e_{4,5} \lor t_{e_{1,5},\,e_{2,5}} \vdash e_{1,5} \lor e_{2,5} \lor \neg e_{4,5}$$

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

$$418. \ e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5},\,e_{2,5}}, \neg e_{3,5} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{e_{4,5},\,e_{5,6}} \vdash e_{1,5} \lor e_{2,5} \lor t_{e_{4,5},\,e_{5,6}} \lor \neg e_{3,5}$$

419.
$$e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5},\,e_{2,5}}, e_{4,5} \lor t_{e_{1,5},\,e_{2,5}} \vdash e_{1,5} \lor e_{4,5} \lor e_{2,5}$$

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

421.
$$e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5}, e_{2,5}}, e_{3,5} \lor t_{e_{1,5}, e_{2,5}} \lor t_{\neg e_{4,5}, e_{5,6}} \vdash e_{1,5} \lor e_{3,5} \lor e_{2,5} \lor t_{\neg e_{4,5}, e_{5,6}}$$

422.
$$e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5},\,e_{2,5}}, \neg e_{4,5} \lor t_{e_{1,5},\,e_{2,5}} \vdash e_{1,5} \lor e_{2,5} \lor \neg e_{4,5}$$

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

$$424. \ e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5}, \, e_{2,5}}, e_{3,5} \lor t_{e_{1,5}, \, e_{2,5}} \lor t_{e_{4,5}, \, \neg e_{5,6}} \vdash e_{1,5} \lor e_{3,5} \lor t_{e_{4,5}, \, \neg e_{5,6}} \lor e_{2,5}$$

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

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

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

428.
$$\neg e_{1,5} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{e_{1,5}, e_{2,5}}$$

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

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

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

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

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

434.
$$\neg e_{1,5} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{e_{1,5}, e_{2,5}}$$

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

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

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

438.
$$\neg e_{1,5} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,5}, e_{2,5}}$$

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

440.
$$\neg e_{1,5} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, \neg e_{1,3}} \lor t_{e_{1,5}, e_{2,5}}$$

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

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

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

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

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

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

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

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

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

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

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

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

453.
$$\neg e_{2,5} \lor t_{e_{1,5}, e_{2,5}}, e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,5}, e_{2,5}}$$

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

455.
$$\neg e_{2,5} \lor t_{e_{1,5}, e_{2,5}}, e_{2,5} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,5}, e_{2,5}}$$

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

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

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

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

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

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

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

463.
$$\neg e_{2,5} \lor t_{e_{1,5}, e_{2,5}}, e_{2,5} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{e_{1,5}, e_{2,5}}$$

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

465.
$$\neg e_{2,5} \lor t_{e_{1,5}, e_{2,5}}, e_{2,5} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,5}, e_{2,5}}$$

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

467.
$$\neg e_{2,5} \lor t_{e_{1,5}, e_{2,5}}, e_{2,5} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, e_{2,3}} \lor t_{e_{1,5}, e_{2,5}}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

$$481. \ e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}}, \neg e_{4,5} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,5}, \neg e_{4,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,5}, \neg e_{4,6}} \lor \neg t_{e_{4,5}, \neg e_{5,6}} \lor \neg e_{4,6} \lor \neg e_{4,6$$

$$482. \ e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}}, \neg e_{4,5} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \vdash \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}} \lor t_{\neg e_{1,4}, \neg e_{2,4}}$$

$$483. \ e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5}, e_{4,6}} \vdash \neg e_{5,6} \lor e_{4,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}} \lor \neg t_{\neg e_{4,5}, e_{4,6}}$$

$$484. \ e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}}, \neg e_{4,5} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \vdash \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}} \lor t_{\neg e_{1,4}, \neg e_{2,4}}$$

$$485. \ \ e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5},\, \neg e_{5,6}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5},\, e_{4,6}} \vdash \neg e_{5,6} \lor e_{4,6} \lor \neg t_{e_{4,5},\, \neg e_{5,6}} \lor \neg t_{\neg e_{4,5},\, e_{4,6}} \lor \neg t_{\neg e_{$$

$$486. \ e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}}, \neg e_{4,5} \lor t_{\neg e_{1,4}, e_{2,4}} \vdash \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}} \lor t_{\neg e_{1,4}, e_{2,4}}$$

$$487. \ e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}}, \neg e_{4,5} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,5}, \neg e_{4,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,5}, \neg e_{4,6}} \lor \neg t_{e_{4,5}, \neg e_{5,6}} \lor \neg e_{4,6} \lor \neg e_{4,6$$

$$488. \ e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}}, \neg e_{4,5} \lor t_{\neg e_{1,4}, e_{2,4}} \vdash \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}} \lor t_{\neg e_{1,4}, e_{2,4}}$$

$$489. \ \ e_{4,5} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,5}, \lnot e_{5,6}}, \lnot e_{4,5} \lor e_{4,6} \lor \lnot t_{\lnot e_{4,5}, e_{4,6}} \vdash \lnot e_{5,6} \lor e_{4,6} \lor \lnot t_{e_{4,5}, \lnot e_{5,6}} \lor \lnot t_{\lnot e_{4,5}, e_{4,6}} \lor$$

$$490. \ e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}}, \neg e_{4,5} \lor t_{e_{1,4}, \neg e_{2,4}} \vdash t_{e_{1,4}, \neg e_{2,4}} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}}$$

$$491. \ e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}}, \neg e_{4,5} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,5}, \neg e_{4,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,5}, \neg e_{4,6}} \lor \neg t_{e_{4,5}, \neg e_{5,6}} \lor \neg e_{4,6} \lor \neg e_{4,6$$

$$492. \ e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}}, \neg e_{4,5} \lor t_{e_{1,4}, \neg e_{2,4}} \vdash t_{e_{1,4}, \neg e_{2,4}} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}}$$

$$493. \ e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}}, \neg e_{4,5} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,5}, \neg e_{4,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,5}, \neg e_{4,6}} \lor \neg t_{e_{4,5}, \neg e_{5,6}} \lor \neg e_{4,6} \lor \neg e_{4,6$$

$$494. \ e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}}, \neg e_{4,5} \lor t_{e_{1,4}, e_{2,4}} \vdash \neg e_{5,6} \lor t_{e_{1,4}, e_{2,4}} \lor \neg t_{e_{4,5}, \neg e_{5,6}}$$

$$495. \ \ e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5},\, \neg e_{5,6}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5},\, e_{4,6}} \vdash \neg e_{5,6} \lor e_{4,6} \lor \neg t_{e_{4,5},\, \neg e_{5,6}} \lor \neg t_{\neg e_{4,5},\, e_{4,6}} \lor \neg t_{\neg e_{$$

$$496. \ e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}}, \neg e_{4,5} \lor t_{e_{1,4}, e_{2,4}} \vdash \neg e_{5,6} \lor t_{e_{1,4}, e_{2,4}} \lor \neg t_{e_{4,5}, \neg e_{5,6}}$$

$$497. \ e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}}, \neg e_{4,5} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,5}, \neg e_{5,6}} \vdash \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}} \lor \neg t_{\neg e_{4,5}, \neg e_{5,6}} \lor \neg t_{\neg e_{4,$$

$$498. \ e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash \neg t_{e_{4,5}, \neg e_{5,6}} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor e_{4,5}$$

$$499. \ e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5}, e_{5,6}} \vdash \neg t_{e_{4,5}, \neg e_{5,6}} \lor \neg t_{e_{4,5}, e_{5,6}} \lor e_{4,5}$$

$$500. \ \ e_{4,5} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,5}, \lnot e_{5,6}}, \lnot e_{4,5} \lor t_{\lnot e_{1,5}, \lnot e_{2,5}} \vdash \lnot e_{5,6} \lor \lnot t_{e_{4,5}, \lnot e_{5,6}} \lor t_{\lnot e_{1,5}, \lnot e_{2,5}}$$

$$501. \ e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}}, \neg e_{4,5} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}} \lor t_{\neg e_{1,5}, \neg e_{2,5}}$$

$$502. \ e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash \neg t_{e_{4,5}, \neg e_{5,6}} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor e_{4,5}$$

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

$$504. \ e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}}, \neg e_{4,5} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}} \lor t_{\neg e_{1,5}, e_{2,5}}$$

$$505. \ e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5},\, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash \neg t_{e_{4,5},\, \neg e_{5,6}} \lor e_{4,5} \lor t_{\neg e_{1,5},\, e_{2,5}}$$

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

$$507. \ e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}}, \neg e_{4,5} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,5}, \neg e_{5,6}} \vdash \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}} \lor \neg t_{\neg e_{4,5}, \neg e_{5,6}} \lor \neg t_{\neg e_{4,$$

$$508. \ e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash \neg t_{e_{4,5}, \neg e_{5,6}} \lor e_{4,5} \lor t_{\neg e_{1,5}, e_{2,5}}$$

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

$$510. \ e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}}, \neg e_{4,5} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}} \lor t_{\neg e_{1,5}, e_{2,5}}$$

$$511. \ e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}}, \neg e_{4,5} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}}$$

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

$$513. \ \ e_{4,5} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,5}, \lnot e_{5,6}}, \lnot e_{3,5} \lor t_{e_{1,5}, \lnot e_{2,5}} \lor t_{e_{4,5}, \lnot e_{5,6}} \vdash t_{e_{1,5}, \lnot e_{2,5}} \lor \lnot e_{5,6} \lor e_{4,5} \lor \lnot e_{3,5}$$

$$514. \ \ e_{4,5} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,5}, \lnot e_{5,6}}, \lnot e_{4,5} \lor \lnot e_{5,6} \lor \lnot t_{\lnot e_{4,5}, \lnot e_{5,6}} \vdash \lnot e_{5,6} \lor \lnot t_{e_{4,5}, \lnot e_{5,6}} \lor \lnot t_{\lnot e_{4,5}, \lnot e_{5,6}} \lor \lnot t_{\lnot e_{$$

$$515. \ e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}}, e_{5,6} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor \neg t_{e_{4,5}, \neg e_{5,6}} \lor e_{4,5}$$

$$516. \ \ e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5}, e_{5,6}} \vdash \neg t_{e_{4,5}, \neg e_{5,6}} \lor \neg t_{e_{4,5}, e_{5,6}} \lor e_{4,5}$$

$$517. \ e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}}, \neg e_{4,5} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}}$$

$$518. \ \ e_{4,5} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,5}, \lnot e_{5,6}}, \lnot e_{4,5} \lor \lnot e_{5,6} \lor \lnot t_{\lnot e_{4,5}, \lnot e_{5,6}} \vdash \lnot e_{5,6} \lor \lnot t_{e_{4,5}, \lnot e_{5,6}} \lor \lnot t_{\lnot e_{4,5}, \lnot e_{5,6}} \lor \lnot t_{\lnot e_{$$

$$519. \ e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}}, e_{5,6} \lor t_{e_{1,5}, e_{2,5}} \vdash \neg t_{e_{4,5}, \neg e_{5,6}} \lor t_{e_{1,5}, e_{2,5}} \lor e_{4,5}$$

$$520. \ e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5}, e_{5,6}} \vdash \neg t_{e_{4,5}, \neg e_{5,6}} \lor \neg t_{e_{4,5}, e_{5,6}} \lor e_{4,5}$$

$$521. \ e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}}, \neg e_{4,5} \lor t_{e_{1,5}, e_{2,5}} \vdash \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}} \lor t_{e_{1,5}, e_{2,5}}$$

$$522. \ e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}}, \neg e_{4,5} \lor t_{e_{1,5}, e_{2,5}} \vdash \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}} \lor t_{e_{1,5}, e_{2,5}}$$

$$523. \ e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}}, e_{5,6} \lor t_{e_{1,5}, e_{2,5}} \vdash \neg t_{e_{4,5}, \neg e_{5,6}} \lor t_{e_{1,5}, e_{2,5}} \lor e_{4,5}$$

$$524. \ e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}}, e_{3,5} \lor t_{e_{1,5}, e_{2,5}} \lor t_{e_{4,5}, \neg e_{5,6}} \vdash \neg e_{5,6} \lor e_{3,5} \lor t_{e_{1,5}, e_{2,5}} \lor e_{4,5}$$

$$525. \ e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{4,5}, \neg e_{5,6}} \lor e_{4,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$526. \ e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}} \vdash e_{4,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}} \lor e_{4,5} \lor \neg t_{e_{4,6}, e_{5,6}} \lor e_{4,6} \lor e_{4,6}$$

$$527. \ e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \vdash \neg t_{\neg e_{4,6}, e_{5,6}} \lor \neg t_{e_{4,5}, \neg e_{5,6}} \lor e_{4,5} \lor \neg e_{4,6}$$

$$528. \ e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{4,5}, \neg e_{5,6}} \lor e_{4,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$529. \ e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \vdash \neg t_{\neg e_{4,6}, e_{5,6}} \lor \neg t_{e_{4,5}, \neg e_{5,6}} \lor e_{4,5} \lor \neg e_{4,6}$$

$$530. \ e_{4,5} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,5}, \lnot e_{5,6}}, e_{5,6} \lor t_{\lnot e_{1,6}, e_{2,6}} \vdash t_{\lnot e_{1,6}, e_{2,6}} \lor \lnot t_{e_{4,5}, \lnot e_{5,6}} \lor e_{4,5}$$

$$531. \ e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{4,5}, \neg e_{5,6}} \lor e_{4,5}$$

$$532. \ e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}} \vdash e_{4,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}} \lor e_{4,5} \lor \neg t_{e_{4,6}, e_{5,6}} \lor e_{4,6} \lor e_$$

$$533. \ e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \vdash \neg t_{\neg e_{4,6}, e_{5,6}} \lor \neg t_{e_{4,5}, \neg e_{5,6}} \lor e_{4,5} \lor \neg e_{4,6} \lor \neg e_{4,6}, \neg e_{5,6} \lor \neg e_{$$

$$534. \ e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}}, e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{4,5}, \neg e_{5,6}} \lor e_{4,5} \lor t_{e_{1,6}, \neg e_{2,6}}$$

$$535. \ e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}}, e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{4,5}, \neg e_{5,6}} \lor e_{4,5} \lor t_{e_{1,6}, \neg e_{2,6}}$$

$$536. \ e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}} \vdash e_{4,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}} \lor e_{4,5} \lor \neg t_{e_{4,6}, e_{5,6}}$$

537.
$$e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}}, \neg e_{5,6}, e_{5,6} \lor t_{e_{1,6},e_{2,6}} \vdash \neg t_{e_{4,5}}, \neg e_{5,6} \lor e_{4,5} \lor t_{e_{1,6},e_{2,6}}$$

$$538. \ e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}} \vdash e_{4,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}} \lor e_{4,5} \lor \neg t_{e_{4,6}, e_{5,6}}$$

$$539. \ \ e_{4,5} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,5}, \lnot e_{5,6}}, \lnot e_{4,6} \lor e_{5,6} \lor \lnot t_{\lnot e_{4,6}, e_{5,6}} \vdash \lnot t_{\lnot e_{4,6}, e_{5,6}} \lor \lnot t_{e_{4,5}, \lnot e_{5,6}} \lor e_{4,5} \lor \lnot e_{4,5} \lor \lnot e_{4,6} \lor e_{5,6} \lor e_{4,5} \lor \lnot e_{4,6} \lor e_{5,6} \lor e_{4,5} \lor \lnot e_{4,6} \lor e_{5,6} \lor e_{5,6$$

540.
$$e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}}, \neg e_{5,6}, e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{4,5}}, \neg e_{5,6} \lor e_{4,5} \lor t_{e_{1,6}, e_{2,6}}$$

541.
$$\neg e_{4,5} \lor t_{e_{1,5}, e_{2,5}}, e_{4,5} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \vdash t_{\neg e_{1,4}, \neg e_{2,4}} \lor t_{e_{1,5}, e_{2,5}}$$

$$542. \ \, \neg e_{4,5} \lor t_{e_{1,5},\, e_{2,5}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5},\, e_{4,6}} \vdash e_{4,6} \lor t_{e_{1,5},\, e_{2,5}} \lor \neg t_{e_{4,5},\, e_{4,6}}$$

543.
$$\neg e_{4,5} \lor t_{e_{1,5}, e_{2,5}}, e_{4,5} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \vdash t_{\neg e_{1,4}, \neg e_{2,4}} \lor t_{e_{1,5}, e_{2,5}}$$

$$544. \ \, \neg e_{4,5} \lor t_{e_{1,5},\,e_{2,5}}, e_{4,5} \lor \neg e_{4,6} \lor \neg t_{e_{4,5},\,\neg e_{4,6}} \vdash t_{e_{1,5},\,e_{2,5}} \lor \neg e_{4,6} \lor \neg t_{e_{4,5},\,\neg e_{4,6}}$$

545.
$$\neg e_{4,5} \lor t_{e_{1,5}, e_{2,5}}, e_{4,5} \lor t_{\neg e_{1,4}, e_{2,4}} \vdash t_{\neg e_{1,4}, e_{2,4}} \lor t_{e_{1,5}, e_{2,5}}$$

$$546. \ \, \neg e_{4,5} \lor t_{e_{1,5},\,e_{2,5}}, e_{4,5} \lor \neg e_{4,6} \lor \neg t_{e_{4,5},\,\neg e_{4,6}} \vdash t_{e_{1,5},\,e_{2,5}} \lor \neg e_{4,6} \lor \neg t_{e_{4,5},\,\neg e_{4,6}}$$

$$547. \ \, \neg e_{4,5} \lor t_{e_{1,5},\,e_{2,5}}, e_{4,5} \lor t_{\neg e_{1,4},\,e_{2,4}} \vdash t_{\neg e_{1,4},\,e_{2,4}} \lor t_{e_{1,5},\,e_{2,5}}$$

$$548. \ \, \neg e_{4,5} \lor t_{e_{1,5},\, e_{2,5}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5},\, e_{4,6}} \vdash e_{4,6} \lor t_{e_{1,5},\, e_{2,5}} \lor \neg t_{e_{4,5},\, e_{4,6}}$$

549.
$$\neg e_{4,5} \lor t_{e_{1,5}, e_{2,5}}, e_{4,5} \lor t_{e_{1,4}, \neg e_{2,4}} \vdash t_{e_{1,4}, \neg e_{2,4}} \lor t_{e_{1,5}, e_{2,5}}$$

$$550. \ \, \neg e_{4,5} \lor t_{e_{1,5},\,e_{2,5}}, e_{4,5} \lor \neg e_{4,6} \lor \neg t_{e_{4,5},\,\neg e_{4,6}} \vdash t_{e_{1,5},\,e_{2,5}} \lor \neg e_{4,6} \lor \neg t_{e_{4,5},\,\neg e_{4,6}}$$

$$551. \ \, \neg e_{4,5} \lor t_{e_{1,5},\,e_{2,5}}, e_{4,5} \lor t_{e_{1,4},\,\neg e_{2,4}} \vdash t_{e_{1,4},\,\neg e_{2,4}} \lor t_{e_{1,5},\,e_{2,5}}$$

$$552. \ \, \neg e_{4,5} \lor t_{e_{1,5},\, e_{2,5}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5},\, e_{4,6}} \vdash e_{4,6} \lor t_{e_{1,5},\, e_{2,5}} \lor \neg t_{e_{4,5},\, e_{4,6}}$$

$$553. \ \, \neg e_{4,5} \lor t_{e_{1,5},\,e_{2,5}}, e_{4,5} \lor t_{e_{1,4},\,e_{2,4}} \vdash t_{e_{1,4},\,e_{2,4}} \lor t_{e_{1,5},\,e_{2,5}}$$

$$554. \ \, \neg e_{4,5} \lor t_{e_{1,5},\, e_{2,5}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5},\, e_{4,6}} \vdash e_{4,6} \lor t_{e_{1,5},\, e_{2,5}} \lor \neg t_{e_{4,5},\, e_{4,6}}$$

555.
$$\neg e_{4,5} \lor t_{e_{1,5}, e_{2,5}}, e_{4,5} \lor t_{e_{1,4}, e_{2,4}} \vdash t_{e_{1,4}, e_{2,4}} \lor t_{e_{1,5}, e_{2,5}}$$

$$556. \ \, \neg e_{4,5} \lor t_{e_{1,5},\,e_{2,5}}, e_{4,5} \lor \neg e_{4,6} \lor \neg t_{e_{4,5},\,\neg e_{4,6}} \vdash t_{e_{1,5},\,e_{2,5}} \lor \neg e_{4,6} \lor \neg t_{e_{4,5},\,\neg e_{4,6}}$$

557.
$$\neg e_{4,5} \lor t_{e_{1,5}, e_{2,5}}, e_{4,5} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,5}, e_{2,5}}$$

$$558. \ \, \neg e_{4,5} \lor t_{e_{1,5},\,e_{2,5}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5},\,e_{5,6}} \vdash e_{5,6} \lor \neg t_{e_{4,5},\,e_{5,6}} \lor t_{e_{1,5},\,e_{2,5}}$$

559.
$$\neg e_{4,5} \lor t_{e_{1,5}, e_{2,5}}, e_{4,5} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash t_{\neg e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,5}, e_{2,5}}$$

$$560. \ \, \neg e_{4,5} \lor t_{e_{1,5},\,e_{2,5}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5},\,\neg e_{5,6}} \vdash \neg e_{5,6} \lor \neg t_{e_{4,5},\,\neg e_{5,6}} \lor t_{e_{1,5},\,e_{2,5}}$$

561.
$$\neg e_{4,5} \lor t_{e_{1,5}, e_{2,5}}, e_{4,5} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,5}, e_{2,5}} \lor t_{e_{1,5}, e_{2,5}}$$

$$562. \ \, \neg e_{4,5} \lor t_{e_{1,5},\, e_{2,5}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5},\, \neg e_{5,6}} \vdash \neg e_{5,6} \lor \neg t_{e_{4,5},\, \neg e_{5,6}} \lor t_{e_{1,5},\, e_{2,5}}$$

563.
$$\neg e_{4,5} \lor t_{e_{1,5}, e_{2,5}}, e_{4,5} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,5}, e_{2,5}} \lor t_{e_{1,5}, e_{2,5}}$$

564.
$$\neg e_{4,5} \lor t_{e_{1,5}, e_{2,5}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5}, e_{5,6}} \vdash e_{5,6} \lor \neg t_{e_{4,5}, e_{5,6}} \lor t_{e_{1,5}, e_{2,5}}$$

565.
$$\neg e_{4,5} \lor t_{e_{1,5}, e_{2,5}}, e_{4,5} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,5}, e_{2,5}}$$

$$566. \ \, \neg e_{4,5} \lor t_{e_{1,5},\,e_{2,5}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5},\,\neg e_{5,6}} \vdash \neg e_{5,6} \lor \neg t_{e_{4,5},\,\neg e_{5,6}} \lor t_{e_{1,5},\,e_{2,5}}$$

567.
$$\neg e_{4,5} \lor t_{e_{1,5}, e_{2,5}}, e_{4,5} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{e_{1,5}, e_{2,5}}$$

$$568. \ \, \neg e_{4,5} \lor t_{e_{1,5},\,e_{2,5}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5},\,e_{5,6}} \vdash e_{5,6} \lor \neg t_{e_{4,5},\,e_{5,6}} \lor t_{e_{1,5},\,e_{2,5}}$$

$$569. \ \, \neg e_{4,5} \lor t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \vdash e_{1,5} \lor e_{2,5} \lor \neg e_{4,5}$$

570.
$$\neg e_{4,5} \lor t_{e_{1,5}, e_{2,5}}, e_{4,5} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{e_{1,5}, e_{2,5}}$$

571.
$$\neg e_{4,5} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor e_{2,5} \lor \neg e_{4,5}$$

$$572. \ \, \neg e_{4,5} \lor t_{e_{1,5},\, e_{2,5}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5},\, e_{5,6}} \vdash e_{5,6} \lor \neg t_{e_{4,5},\, e_{5,6}} \lor t_{e_{1,5},\, e_{2,5}}$$

573.
$$\neg e_{4,5} \lor t_{e_{1,5},\,e_{2,5}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \vdash e_{1,5} \lor e_{2,5} \lor \neg e_{4,5}$$

574.
$$\neg e_{4,5} \lor t_{e_{1,5}, e_{2,5}}, e_{4,5} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{e_{1,5}, e_{2,5}}$$

575.
$$\neg e_{4,5} \lor t_{e_{1,5}, e_{2,5}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor e_{2,5} \lor \neg e_{4,5}$$

$$576. \ \, \neg e_{4,5} \lor t_{e_{1,5},\, e_{2,5}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5},\, \neg e_{5,6}} \vdash \neg e_{5,6} \lor \neg t_{e_{4,5},\, \neg e_{5,6}} \lor t_{e_{1,5},\, e_{2,5}}$$

$$577. \ e_{5,6} \lor t_{e_{1,5},\,e_{2,5}}, \neg e_{4,5} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{5,6}} \vdash t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{4,5},\,\neg e_{5,6}} \lor \neg e_{4,5}$$

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

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

$$580. \ e_{5,6} \lor t_{e_{1,5},\,e_{2,5}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5},\,\neg e_{5,6}} \vdash \neg t_{e_{4,5},\,\neg e_{5,6}} \lor e_{4,5} \lor t_{e_{1,5},\,e_{2,5}}$$

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

$$582. \ e_{5,6} \lor t_{e_{1,5},\,e_{2,5}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5},\,\neg e_{5,6}} \vdash \neg t_{e_{4,5},\,\neg e_{5,6}} \lor e_{4,5} \lor t_{e_{1,5},\,e_{2,5}}$$

$$583. \ e_{5,6} \lor t_{e_{1,5},\,e_{2,5}}, \neg e_{4,5} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{5,6}} \vdash t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{4,5},\,\neg e_{5,6}} \lor \neg e_{4,5}$$

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

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

$$586.\ e_{5,6} \lor t_{e_{1,5},\,e_{2,5}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5},\,\neg e_{5,6}} \vdash \neg t_{e_{4,5},\,\neg e_{5,6}} \lor e_{4,5} \lor t_{e_{1,5},\,e_{2,5}}$$

$$587. \ e_{5,6} \lor t_{e_{1,5},\,e_{2,5}}, \neg e_{4,5} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{5,6}} \vdash t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{4,5},\,\neg e_{5,6}} \lor \neg e_{4,5}$$

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

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

$$590. \ e_{5,6} \lor t_{e_{1,5},\,e_{2,5}}, \neg e_{4,5} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{5,6}} \vdash t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{4,5},\,\neg e_{5,6}} \lor \neg e_{4,5}$$

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

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

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

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

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

596.
$$e_{5,6} \lor t_{e_{1,5}, e_{2,5}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}} \vdash \neg t_{e_{4,5}, \neg e_{5,6}} \lor e_{4,5} \lor t_{e_{1,5}, e_{2,5}}$$

$$597. \ e_{5,6} \lor t_{e_{1,5},\,e_{2,5}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\,\neg e_{5,6}} \vdash t_{e_{1,5},\,e_{2,5}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6},\,\neg e_{5,6}}$$

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

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

$$600. \ e_{5,6} \lor t_{e_{1,5},\,e_{2,5}}, e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6},\,\lnot e_{5,6}} \vdash e_{4,6} \lor t_{e_{1,5},\,e_{2,5}} \lor \lnot t_{e_{4,6},\,\lnot e_{5,6}}$$

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

602.
$$e_{5,6} \lor t_{e_{1,5}, e_{2,5}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \vdash e_{4,6} \lor t_{e_{1,5}, e_{2,5}} \lor \neg t_{e_{4,6}, \neg e_{5,6}}$$

$$603. \ e_{5,6} \lor t_{e_{1,5},\,e_{2,5}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\,\neg e_{5,6}} \vdash t_{e_{1,5},\,e_{2,5}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6},\,\neg e_{5,6}}$$

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

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

606.
$$e_{5,6} \lor t_{e_{1,5}, e_{2,5}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \vdash e_{4,6} \lor t_{e_{1,5}, e_{2,5}} \lor \neg t_{e_{4,6}, \neg e_{5,6}}$$

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

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

$$609. \ e_{5,6} \lor t_{e_{1,5},\,e_{2,5}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\,\neg e_{5,6}} \vdash t_{e_{1,5},\,e_{2,5}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6},\,\neg e_{5,6}}$$

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

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

$$612. \ e_{5,6} \lor t_{e_{1,5},\,e_{2,5}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6},\,\neg e_{5,6}} \vdash e_{4,6} \lor t_{e_{1,5},\,e_{2,5}} \lor \neg t_{e_{4,6},\,\neg e_{5,6}}$$

$$613. \ e_{3,5} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{e_{4,5},\,\neg e_{5,6}}, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5},\,\neg e_{3,6}} \vdash \neg e_{3,6} \lor t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{3,5},\,\neg e_{3,6}} \lor t_{e_{4,5},\,\neg e_{5,6}} \lor \neg e_{4,5}, \neg$$

$$614. \ e_{3,5} \lor t_{e_{1,5},\, e_{2,5}} \lor t_{e_{4,5},\, \neg e_{5,6}}, \neg e_{3,5} \lor t_{\neg e_{1,3},\, \neg e_{2,3}} \vdash t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,5},\, e_{2,5}} \lor t_{e_{4,5},\, \neg e_{5,6}}$$

$$615. \ \ e_{3,5} \lor t_{e_{1,5},\, e_{2,5}} \lor t_{e_{4,5},\, \neg e_{5,6}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}} \vdash t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{3,5},\, e_{3,6}} \lor t_{e_{4,5},\, \neg e_{5,6}} \lor e_{3,6} \lor e_{3,6}$$

$$616.\ \ e_{3,5} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{e_{4,5},\,\neg e_{5,6}}, \neg e_{3,5} \lor t_{\neg e_{1,3},\,\neg e_{2,3}} \vdash t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{e_{4,5},\,\neg e_{5,6}}$$

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

618.
$$e_{3,5} \lor t_{e_{1,5}, e_{2,5}} \lor t_{e_{4,5}, \neg e_{5,6}}, \neg e_{3,5} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,5}, e_{2,5}} \lor t_{e_{4,5}, \neg e_{5,6}}$$

$$619. \ \ e_{3,5} \lor t_{e_{1,5},\, e_{2,5}} \lor t_{e_{4,5},\, \neg e_{5,6}}, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5},\, \neg e_{3,6}} \vdash \neg e_{3,6} \lor t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{3,5},\, \neg e_{3,6}} \lor t_{e_{4,5},\, \neg e_{5,6}}$$

$$620.\ \ e_{3,5} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{e_{4,5},\,\neg e_{5,6}}, \neg e_{3,5} \lor t_{\neg e_{1,3},\,e_{2,3}} \vdash t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{e_{4,5},\,\neg e_{5,6}}$$

$$621. \ e_{3,5} \lor t_{e_{1,5},\, e_{2,5}} \lor t_{e_{4,5},\, \neg e_{5,6}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}} \vdash t_{e_{1,5},\, e_{2,5}} \lor \neg t_{\neg e_{3,5},\, e_{3,6}} \lor t_{e_{4,5},\, \neg e_{5,6}} \lor e_{3,6} \lor$$

$$622. \ e_{3,5} \lor t_{e_{1,5},\, e_{2,5}} \lor t_{e_{4,5},\, \neg e_{5,6}}, \neg e_{3,5} \lor t_{e_{1,3},\, \neg e_{2,3}} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,5},\, e_{2,5}} \lor t_{e_{4,5},\, \neg e_{5,6}}$$

$$623. \ e_{3,5} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{e_{4,5},\,\neg e_{5,6}}, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5},\,\neg e_{3,6}} \vdash \neg e_{3,6} \lor t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{3,5},\,\neg e_{3,6}} \lor t_{e_{4,5},\,\neg e_{5,6}}$$

$$624. \ e_{3,5} \lor t_{e_{1,5},\, e_{2,5}} \lor t_{e_{4,5},\, \neg e_{5,6}}, \neg e_{3,5} \lor t_{e_{1,3},\, \neg e_{2,3}} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{1,5},\, e_{2,5}} \lor t_{e_{4,5},\, \neg e_{5,6}}$$

$$625. \ e_{3,5} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{e_{4,5},\,\neg e_{5,6}}, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5},\,\neg e_{3,6}} \vdash \neg e_{3,6} \lor t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{3,5},\,\neg e_{3,6}} \lor t_{e_{4,5},\,\neg e_{5,6}}$$

$$626.\ e_{3,5} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{e_{4,5},\,\neg e_{5,6}}, \neg e_{3,5} \lor t_{e_{1,3},\,e_{2,3}} \vdash t_{e_{1,5},\,e_{2,5}} \lor t_{e_{4,5},\,\neg e_{5,6}} \lor t_{e_{1,3},\,e_{2,3}}$$

$$627. \ e_{3,5} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{e_{4,5},\,\neg e_{5,6}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\,e_{3,6}} \vdash t_{e_{1,5},\,e_{2,5}} \lor \neg t_{\neg e_{3,5},\,e_{3,6}} \lor t_{e_{4,5},\,\neg e_{5,6}} \lor e_{3,6} \lor e_{3,6$$

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

$$629. \ e_{3,5} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{e_{4,5},\,\neg e_{5,6}}, \neg e_{3,5} \lor t_{\neg e_{1,5},\,\neg e_{2,5}} \lor t_{\neg e_{4,5},\,\neg e_{5,6}} \vdash t_{\neg e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{e_{4,5},\,\neg e_{5,6}} \lor t_{\neg e_{4,5},\,\neg e_{5,6}} \lor t_{$$

$$630. \ e_{3,5} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{e_{4,5},\,\neg e_{5,6}}, \neg e_{3,5} \lor t_{\neg e_{1,5},\,\neg e_{2,5}} \lor t_{e_{4,5},\,e_{5,6}} \vdash t_{\neg e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{e_{4,5},\,\neg e_{5,6}} \lor t_{e_{4,5},\,e_{5,6}} \lor t_{$$

$$631. \ e_{3,5} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{e_{4,5},\,\neg e_{5,6}}, \neg e_{3,5} \lor t_{\neg e_{1,5},\,e_{2,5}} \lor t_{\neg e_{4,5},\,e_{5,6}} \vdash t_{e_{1,5},\,e_{2,5}} \lor t_{e_{4,5},\,\neg e_{5,6}} \lor t_{\neg e_{4,5},\,e_{5,6}} \lor t_{\neg e_{1,5},\,e_{2,5}} \lor t_{\neg e_{1,5},\,e_{2,5$$

$$632. \ e_{3,5} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{e_{4,5},\,\neg e_{5,6}}, \neg e_{3,5} \lor t_{\neg e_{1,5},\,e_{2,5}} \lor t_{e_{4,5},\,\neg e_{5,6}} \vdash t_{e_{1,5},\,e_{2,5}} \lor t_{e_{4,5},\,\neg e_{5,6}} \lor t_{\neg e_{1,5},\,e_{2,5}}$$

$$633. \ e_{3,5} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{e_{4,5},\,\neg e_{5,6}}, \neg e_{3,5} \lor t_{e_{1,5},\,\neg e_{2,5}} \lor t_{\neg e_{4,5},\,e_{5,6}} \vdash t_{e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{e_{4,5},\,\neg e_{5,6}} \lor t_{\neg e_{4,5},\,e_{5,6}} \lor t_{\neg e_{4,5},\,e_{5,6$$

$$634. \ e_{3,5} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{e_{4,5},\,\neg e_{5,6}}, \neg e_{3,5} \lor t_{e_{1,5},\,\neg e_{2,5}} \lor t_{e_{4,5},\,\neg e_{5,6}} \vdash t_{e_{1,5},\,\neg e_{2,5}} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{e_{4,5},\,\neg e_{5,6}}$$

$$635. \ e_{3,5} \lor t_{e_{1,5},\, e_{2,5}} \lor t_{e_{4,5},\, \neg e_{5,6}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5},\, e_{2,5}} \vdash e_{1,5} \lor e_{3,5} \lor t_{e_{4,5},\, \neg e_{5,6}} \lor e_{2,5}$$

$$636. \ e_{3,5} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{e_{4,5},\,\neg e_{5,6}}, \neg e_{3,5} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{4,5},\,\neg e_{5,6}} \vdash t_{e_{1,5},\,e_{2,5}} \lor t_{\neg e_{4,5},\,\neg e_{5,6}} \lor t_{e_{4,5},\,\neg e_{5$$

637.
$$e_{3,5} \lor t_{e_{1,5}, e_{2,5}} \lor t_{e_{4,5}, \neg e_{5,6}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5}, e_{2,5}} \vdash e_{1,5} \lor e_{3,5} \lor t_{e_{4,5}, \neg e_{5,6}} \lor e_{2,5}$$

$$638. \ e_{3,5} \lor t_{e_{1,5},\, e_{2,5}} \lor t_{e_{4,5},\, \neg e_{5,6}}, \neg e_{3,5} \lor t_{e_{1,5},\, e_{2,5}} \lor t_{e_{4,5},\, e_{5,6}} \vdash t_{e_{1,5},\, e_{2,5}} \lor t_{e_{4,5},\, \neg e_{5,6}} \lor t_{e_{4,5},\, e_{5,6}$$

$$639. \ e_{3,5} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{e_{4,5},\,\neg e_{5,6}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \vdash e_{1,5} \lor e_{3,5} \lor t_{e_{4,5},\,\neg e_{5,6}} \lor e_{2,5}$$

$$640. \ e_{3,5} \lor t_{e_{1,5},\,e_{2,5}} \lor t_{e_{4,5},\,\neg e_{5,6}}, e_{1,5} \lor e_{2,5} \lor \neg t_{e_{1,5},\,e_{2,5}} \vdash e_{1,5} \lor e_{3,5} \lor t_{e_{4,5},\,\neg e_{5,6}} \lor e_{2,5}$$

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

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

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

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

$$645. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

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

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

$$648. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}}, e_{1,6} \lor t_{e_{1,2}, \, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor \neg e_{2,6} \lor t_{e_{1,2}, \, \neg e_{1,3}}$$

$$649. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6}$$

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

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

$$652. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6}$$

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

$$654. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg e_{2,6}$$

$$655. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg e_{2,6}$$

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

$$657. \ \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

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

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

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

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

$$662. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

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

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

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

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

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

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

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

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

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

$$672. \ \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg e_{1,6} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}$$

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

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

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

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

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

$$678. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, e_{5,6}} \vdash \neg e_{3,6} \lor \neg e_{1,6} \lor t_{e_{4,6}, e_{5,6}} \lor \neg e_{2,6} \lor \neg$$

679.
$$\neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg e_{1,6} \lor e_{4,6} \lor \neg e_{2,6}$$

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

$$681. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}} \vdash \neg e_{1,6} \lor t_{\neg e_{4,6}, e_{5,6}} \lor e_{3,6} \lor \neg e_{2,6} \lor \neg$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$$765. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,4},\, \neg e_{2,4}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \lor t_{\neg e_{1,4},\, \neg e_{2,4}}$$

$$766. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5}, e_{4,6}} \vdash \neg e_{5,6} \lor e_{4,5} \lor \neg t_{e_{4,5}, e_{4,6}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}},$$

$$767. \ \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5}, e_{4,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,5}, e_{4,6}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg e_{4,5}$$

768.
$$\neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,4}, \neg e_{2,4}}$$

$$769. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5}, e_{4,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,5}, e_{4,6}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg e_{4,5}$$

$$770. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,4},\, e_{2,4}} \vdash \neg e_{5,6} \lor t_{\neg e_{1,4},\, e_{2,4}} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}}$$

771.
$$\neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,4}, e_{2,4}} \vdash \neg e_{5,6} \lor t_{\neg e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}$$

772.
$$\neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5}, e_{4,6}} \vdash \neg e_{5,6} \lor e_{4,5} \lor \neg t_{e_{4,5}, e_{4,6}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,$$

$$773. \ \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5}, \, e_{4,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,5}, \, e_{4,6}} \lor \neg t_{\neg e_{4,6}, \, \neg e_{5,6}} \lor \neg e_{4,5}$$

$$774. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}}, e_{4,6} \lor t_{e_{1,4},\, \neg e_{2,4}} \vdash t_{e_{1,4},\, \neg e_{2,4}} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}}$$

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

$$776. \ \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5}, e_{4,6}} \vdash \neg e_{5,6} \lor e_{4,5} \lor \neg t_{e_{4,5}, e_{4,6}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}$$

777.
$$\neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \vdash \neg e_{5,6} \lor t_{e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}$$

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

$$779. \ \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5}, \, e_{4,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,5}, \, e_{4,6}} \lor \neg t_{\neg e_{4,6}, \, \neg e_{5,6}} \lor \neg e_{4,5}$$

780.
$$\neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \vdash \neg e_{5,6} \lor t_{e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}$$

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

$$782. \ \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5}, e_{5,6}} \vdash e_{4,5} \lor \neg t_{e_{4,5}, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{$$

$$783. \ \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5}, e_{5,6}} \vdash \neg t_{\neg e_{4,5}, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg e_{4,5} \lor \neg e_{4,5} \lor \neg e_{4,6} \lor \neg e_{5,6} \lor \neg e_{5,6$$

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

$$785. \ \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5}, e_{5,6}} \vdash \neg t_{\neg e_{4,5}, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg e_{4,5}$$

$$786. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash \neg e_{4,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \lor t_{\neg e_{1,5},\, e_{2,5}}$$

787.
$$\neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,5}, e_{2,5}}$$

$$788. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5}, e_{5,6}} \vdash e_{4,5} \lor \neg t_{e_{4,5}, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg t_{$$

$$789. \ \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5}, e_{5,6}} \vdash \neg t_{\neg e_{4,5}, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg e_{4,5}$$

790.
$$\neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}$$

791.
$$\neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}$$

$$792. \ \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5}, e_{5,6}} \vdash e_{4,5} \lor \neg t_{e_{4,5}, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}$$

793.
$$\neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{e_{1,5}, e_{2,5}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}$$

$$794. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5}, e_{5,6}} \vdash e_{4,5} \lor \neg t_{e_{4,5}, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg e_{4,6} \lor \neg e_{4,6$$

$$795. \ \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5}, e_{5,6}} \vdash \neg t_{\neg e_{4,5}, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg e_{4,5}$$

796.
$$\neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{e_{1,5}, e_{2,5}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}$$

797.
$$\neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

798.
$$\neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

799.
$$\neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, \neg e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \vdash \neg e_{3,6} \lor \neg e_{5,6} \lor \neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$800. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \vdash \neg t_{\neg e_{4,6}, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg e_{4,6} \lor \neg e_{4,$$

$$801. \ \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$802. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor \neg$$

$$803. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$804. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \vdash \neg t_{\neg e_{4,6}, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}$$

$$805. \ \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \, \neg e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,6}, \, e_{2,6}} \vdash t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \, \neg e_{5,6}}$$

$$806. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor \neg$$

$$807. \ \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}$$

$$808. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}}$$

$$809. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}}$$

$$810. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, \neg e_{5,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{5,6} \lor \neg e_{4,6} \lor e_{3,6} \lor e_{3,6}$$

$$811. \ \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \vdash \neg t_{\neg e_{4,6}, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg t_{\neg e_{4,$$

$$812. \ \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash \neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}$$

$$813. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor \neg$$

$$814. \ \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}$$

$$815. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}}, e_{4,6} \lor t_{e_{1,6},\, \neg e_{2,6}} \vdash \neg e_{5,6} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}}$$

$$816. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}$$

$$817. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \vdash \neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{4,6} \lor e_{3,6}$$

818.
$$\neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{e_{1,6}, e_{2,6}}$$

819.
$$\neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \vdash \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{e_{1,6}, e_{2,6}}$$

$$820. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, \neg e_{3,6} \lor t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \vdash \neg e_{3,6} \lor \neg e_{5,6} \lor \neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \lor \neg e_{5,6} \lor \neg$$

$$821. \ \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \vdash \neg t_{\neg e_{4,6}, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}$$

822.
$$\neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{e_{1,6}, e_{2,6}}$$

$$823. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor \neg$$

$$824. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}}, e_{5,6} \lor t_{e_{1,6},\, e_{2,6}} \vdash \neg e_{4,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \lor t_{e_{1,6},\, e_{2,6}}$$

$$825. \ e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,5} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,5}, \neg e_{4,6}} \vdash \neg t_{\neg e_{4,5}, \neg e_{4,6}} \lor \neg e_{4,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{4,5} \lor \neg e_{4,5} \lor \neg e_{4,6} \lor \neg e_{4,6$$

826.
$$e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \vdash t_{\neg e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

827.
$$e_{4,6} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}}, \lnot e_{4,6} \lor t_{\lnot e_{1,4}, \lnot e_{2,4}} \vdash t_{\lnot e_{1,4}, \lnot e_{2,4}} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}}$$

$$828. \ e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,5} \lor \neg e_{4,6} \lor \neg t_{e_{4,5}, \neg e_{4,6}} \vdash e_{4,5} \lor \neg t_{e_{4,5}, \neg e_{4,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

829.
$$e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4}, e_{2,4}} \vdash t_{\neg e_{1,4}, e_{2,4}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$830. \ e_{4,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}, e_{4,5} \lor \neg e_{4,6} \lor \neg t_{e_{4,5}, \, \neg e_{4,6}} \vdash e_{4,5} \lor \neg t_{e_{4,5}, \, \neg e_{4,6}} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}$$

$$831. \ e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,5} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,5}, \neg e_{4,6}} \vdash \neg t_{\neg e_{4,5}, \neg e_{4,6}} \lor \neg e_{4,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

832.
$$e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4}, e_{2,4}} \vdash t_{\neg e_{1,4}, e_{2,4}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

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

$$834. \ e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,5} \lor \neg e_{4,6} \lor \neg t_{e_{4,5}, \neg e_{4,6}} \vdash e_{4,5} \lor \neg t_{e_{4,5}, \neg e_{4,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$835. \ e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,5} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,5}, \neg e_{4,6}} \vdash \neg t_{\neg e_{4,5}, \neg e_{4,6}} \lor \neg e_{4,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

836.
$$e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,4}, \neg e_{2,4}} \vdash t_{e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$837. \ e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,5} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,5}, \neg e_{4,6}} \vdash \neg t_{\neg e_{4,5}, \neg e_{4,6}} \lor \neg e_{4,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor \neg e_{4,6}$$

838.
$$e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \vdash t_{e_{1,4}, e_{2,4}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

839.
$$e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \vdash t_{e_{1,4}, e_{2,4}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$840. \ e_{4,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}, e_{4,5} \lor \neg e_{4,6} \lor \neg t_{e_{4,5}, \, \neg e_{4,6}} \vdash e_{4,5} \lor \neg t_{e_{4,5}, \, \neg e_{4,6}} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}$$

$$841. \ e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

842.
$$e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$843. \ e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

844.
$$e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}}$$

845.
$$e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

846.
$$e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$847. \ e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e$$

848.
$$e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

849.
$$e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$850. \ e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$851. \ e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

852.
$$e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$853. \ e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

854.
$$e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$855. \ e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

856.
$$e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$857. \ e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,5} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,5}, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,5}, \neg e_{5,6}} \lor \neg e_{4,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

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

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

860.
$$e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}} \vdash \neg t_{e_{4,5}, \neg e_{5,6}} \lor e_{4,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

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

$$862. \ e_{5,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \, \neg e_{5,6}} \vdash \neg t_{e_{4,5}, \, \neg e_{5,6}} \lor e_{4,5} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}$$

$$863. \ e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,5} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,5}, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,5}, \neg e_{5,6}} \lor \neg e_{4,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,5} \lor \neg e_{4,5}$$

864.
$$e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$865. \ e_{5,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,5}, \, \neg e_{2,5}} \vdash t_{e_{1,5}, \, \neg e_{2,5}} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}$$

$$866. \ e_{5,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \, \neg e_{5,6}} \vdash \neg t_{e_{4,5}, \, \neg e_{5,6}} \lor e_{4,5} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}$$

$$867. \ e_{5,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}, \neg e_{4,5} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,5}, \, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,5}, \, \neg e_{5,6}} \lor \neg e_{4,5} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}$$

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

$$869. \ e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,5} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,5}, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,5}, \neg e_{5,6}} \lor \neg e_{4,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

870.
$$e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,5}, e_{2,5}}$$

871.
$$e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,5}, e_{2,5}}$$

872.
$$e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}} \vdash \neg t_{e_{4,5}, \neg e_{5,6}} \lor e_{4,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

873.
$$e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \vdash \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

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

875.
$$e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}}$$

876.
$$e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \vdash e_{4,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

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

$$878. \ e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \vdash e_{4,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$879. \ e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \vdash \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

880.
$$e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

881.
$$e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$882. \ e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \vdash e_{4,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$883. \ e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \vdash \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

884.
$$e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$885. \ e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \vdash \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

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

887.
$$e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

888.
$$e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \vdash e_{4,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$889. \ \neg e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$890. \ \, \neg e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5}, e_{3,6}} \vdash e_{3,5} \lor \neg t_{e_{3,5}, e_{3,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor$$

$$891. \ \neg e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5}, e_{3,6}} \vdash \neg t_{\neg e_{3,5}, e_{3,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg e_{3,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{3,5} \lor t_{\neg e_{3,6}, \neg e_{2,6}} \lor \neg e_{3,5} \lor t_{\neg e_{3,6}, \neg e_{2,6}} \lor \neg e_{3,5} \lor t_{\neg e_{3,6}, \neg e_{3,6}} \lor \neg e_{3,6} \lor \neg e$$

$$892. \ \neg e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$893. \ \neg e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5}, e_{3,6}} \vdash \neg t_{\neg e_{3,5}, e_{3,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg e_{3,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{3,5} \lor$$

$$894. \ \, \neg e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$895. \ \neg e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6$$

$$896. \ \neg e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5}, e_{3,6}} \vdash e_{3,5} \lor \neg t_{e_{3,5}, e_{3,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{3,5}, e_{3,6}} \lor t_{\neg e_{3,5$$

$$897. \ \neg e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5}, e_{3,6}} \vdash \neg t_{\neg e_{3,5}, e_{3,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg e_{3,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{3,5} \lor t_{\neg e_{3,5}, e_{3,6}} \lor \neg e_{3,5} \lor t_{\neg e_{3,5}, e_{3,6}} \lor \neg e_{3,5} \lor t_{\neg e_{3,6}, \neg e_{2,6}}, \neg e_{3,5} \lor t_{\neg e_{3,6}, \neg e_{3,6}} \lor \neg e_{3,5} \lor t_{\neg e_{3,6}, \neg e_{3,6}}, \neg e_{3,6} \lor \neg e_{3,6}$$

$$898. \ \neg e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}}, e_{3,6} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$899. \ \neg e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}}, e_{3,6} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{3,$$

$$900. \ \, \neg e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5}, e_{3,6}} \vdash e_{3,5} \lor \neg t_{e_{3,5}, e_{3,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor$$

$$901. \ \, \neg e_{3,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \, \neg e_{5,6}}, e_{3,6} \lor t_{e_{1,3}, \, e_{2,3}} \vdash t_{\neg e_{4,6}, \, \neg e_{5,6}} \lor t_{e_{1,3}, \, e_{2,3}} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}$$

$$902. \ \, \neg e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5}, e_{3,6}} \vdash e_{3,5} \lor \neg t_{e_{3,5}, e_{3,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{3,5}, e_{3,6}} \lor t_{\neg e_{3,5}, e_{3,6}} \lor t_{\neg e_{3,6}, \neg e_{3,6}} \lor t_{$$

$$903. \ \neg e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5}, e_{3,6}} \vdash \neg t_{\neg e_{3,5}, e_{3,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg e_{3,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{3,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{3,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{3,5} \lor t_{\neg e_{2,6}, \neg e_{2,6}}, \neg e_{2$$

$$904. \ \, \neg e_{3,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \, \neg e_{5,6}}, e_{3,6} \lor t_{e_{1,3}, \, e_{2,3}} \vdash t_{\neg e_{4,6}, \, \neg e_{5,6}} \lor t_{e_{1,3}, \, e_{2,3}} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}$$

$$905. \ \neg e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}} \vdash t_{\neg e_{4,6}, e_{5,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}} \lor t_{\neg$$

$$906. \ \neg e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \vdash t_{e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6$$

$$907. \ \neg e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6$$

$$908. \ \neg e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{4,6}, e_{5,6}} \vdash t_{e_{4,6}, e_{5,6}} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{$$

$$909. \ \neg e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}}, e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{4,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{4,6}, \neg e_{5$$

$$910. \ \, \neg e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}}, e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, e_{5,6}} \vdash t_{e_{4,6}, e_{5,6}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor$$

$$911. \ \neg e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}}, e_{3,6} \lor t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}} \vdash t_{\neg e_{4,6}, e_{5,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{$$

$$912. \ \neg e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}}, e_{3,6} \lor t_{e_{1,6}, e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \vdash t_{e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{$$

$$913. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,5} \lor e_{1,6} \lor \neg t_{e_{1,5}, e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, e_{1,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg$$

$$914. \ \, \neg e_{1,6} \vee \neg e_{2,6} \vee \neg t_{\neg e_{1,6},\, \neg e_{2,6}}, e_{1,6} \vee t_{e_{1,2},\, e_{1,3}} \vdash t_{e_{1,2},\, e_{1,3}} \vee \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \vee \neg e_{2,6}$$

915.
$$\neg e_{1,6} \vee \neg e_{2,6} \vee \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,6} \vee t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \vee \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vee \neg e_{2,6}$$

$$916. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,5} \lor e_{1,6} \lor \neg t_{\neg e_{1,5}, e_{1,6}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e_{$$

$$917. \ \, \neg e_{1,6} \vee \neg e_{2,6} \vee \neg t_{\neg e_{1,6}, \, \neg e_{2,6}}, e_{1,6} \vee t_{e_{1,2}, \, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \vee \neg e_{2,6} \vee t_{e_{1,2}, \, \neg e_{1,3}}$$

$$918. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,5} \lor e_{1,6} \lor \neg t_{\neg e_{1,5}, e_{1,6}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e_{$$

$$919. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,5} \lor e_{1,6} \lor \neg t_{e_{1,5}, e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, e_{1,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg$$

$$920. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

921.
$$\neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$922. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,5} \lor e_{1,6} \lor \neg t_{\neg e_{1,5}, e_{1,6}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e_{$$

$$923. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,5} \lor e_{1,6} \lor \neg t_{e_{1,5}, e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, e_{1,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg$$

$$924. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$925. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,5} \lor e_{1,6} \lor \neg t_{e_{1,5}, e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, e_{1,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg$$

$$926. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor \neg e_{2,6}$$

927.
$$\neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg e_{2,6}$$

$$928. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,5} \lor e_{1,6} \lor \neg t_{\neg e_{1,5}, e_{1,6}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e_{$$

$$929. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$930. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{e_{2,5}, e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor e_{2,5}$$

$$931. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor \neg e_{2,5} \lor \neg$$

$$932. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$933. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor \neg e_{2,5} \lor \neg e_{$$

934.
$$\neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$935. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, e_{2,3}}$$

$$936. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{e_{2,5}, e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor e_{2,5}$$

$$937. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor \neg e_{2,5} \lor \neg e_{$$

$$938. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}$$

939.
$$\neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$940. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{e_{2,5}, e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor e_{2,5}$$

941.
$$\neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg e_{1,6} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$942. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{e_{2,5}, e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor e_{2,5}$$

$$943. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor \neg e_{2,5} \lor \neg$$

$$944. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2},\, e_{2,3}} \vdash \neg e_{1,6} \lor t_{e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}}$$

945.
$$\neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg e_{1,6} \lor e_{4,6} \lor \neg e_{2,6}$$

946.
$$\neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash e_{5,6} \lor \neg e_{1,6} \lor \neg e_{2,6}$$

$$947. \ \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \vdash \neg e_{3,6} \lor \neg e_{1,6} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg e_{2,6}$$

$$948. \ \, \neg e_{1,6} \vee \neg e_{2,6} \vee \neg t_{\neg e_{1,6},\, \neg e_{2,6}}, \neg e_{4,6} \vee t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash \neg e_{1,6} \vee \neg e_{4,6} \vee \neg e_{2,6}$$

949.
$$\neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg e_{5,6} \lor \neg e_{2,6}$$

$$950. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, e_{5,6}} \vdash \neg e_{3,6} \lor \neg e_{1,6} \lor t_{e_{4,6}, e_{5,6}} \lor \neg e_{2,6}$$

951.
$$\neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg e_{1,6} \lor e_{4,6} \lor \neg e_{2,6}$$

952.
$$\neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg e_{5,6} \lor \neg e_{2,6}$$

$$953. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}} \vdash \neg e_{1,6} \lor t_{\neg e_{4,6}, e_{5,6}} \lor e_{3,6} \lor \neg e_{2,6} \lor \neg$$

954.
$$\neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg e_{4,6} \lor \neg e_{2,6}$$

955.
$$\neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash e_{5,6} \lor \neg e_{1,6} \lor \neg e_{2,6}$$

$$956. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \vdash \neg e_{1,6} \lor t_{e_{4,6}, \neg e_{5,6}} \lor e_{3,6} \lor \neg e_{2,6} \lor \neg$$

957.
$$\neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

$$958. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6}, \, e_{2,6}} \vdash t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$959. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \lor \neg$$

$$960. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor \neg e_{2,6}$$

961.
$$\neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

$$962. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$963. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \lor \neg$$

964.
$$\neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$965. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{2,6}} \lor \neg t_{$$

$$966. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e$$

$$967. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e_{$$

$$968. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e$$

$$969. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e_{$$

$$970. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$971. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e_{$$

$$972. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e$$

973.
$$e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$974. \ e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,5} \lor \neg e_{1,6} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$975. \ e_{1,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}, e_{1,5} \lor \neg e_{1,6} \lor \neg t_{e_{1,5}, \, \neg e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \, \neg e_{1,6}} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}$$

976.
$$e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

977.
$$e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,5} \lor \neg e_{1,6} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

978.
$$e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

979.
$$e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

980.
$$e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,5} \lor \neg e_{1,6} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

981.
$$e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,5} \lor \neg e_{1,6} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

982.
$$e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

983.
$$e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

984.
$$e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,5} \lor \neg e_{1,6} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

985.
$$e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$986. \ e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,5} \lor \neg e_{1,6} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

987.
$$e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,5} \lor \neg e_{1,6} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

988.
$$e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

989.
$$e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$990. \ e_{1,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \vdash \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor \neg e_{2,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}$$

991.
$$e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

992.
$$e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

993.
$$e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

994.
$$e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

995.
$$e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

996.
$$e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

997.
$$e_{1,6} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}}, \lnot e_{1,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}}$$

998.
$$e_{1,6} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}}, \lnot e_{1,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}}$$

999.
$$e_{1,6} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}}, \lnot e_{1,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}}$$

$$1000. \ e_{1,6} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}}, \lnot e_{1,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}}$$

$$1001. \ e_{1,6} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}}, \lnot e_{1,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}}$$

1002.
$$e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1003.
$$e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1004.
$$e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1005. \ e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1006.
$$e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1007.
$$e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1008.
$$e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1009. \ e_{2,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}$$

$$1010. \ \ e_{2,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \, \neg e_{2,6}} \vdash e_{2,5} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{e_{2,5}, \, \neg e_{2,6}}$$

1011.
$$e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1012. \ e_{2,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, \, e_{2,3}} \vdash t_{\neg e_{1,2}, \, e_{2,3}} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}$$

1013.
$$e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1014.
$$e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1015. \ e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1016.
$$e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1017. \ e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1018.
$$e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}$$

1019.
$$e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}$$

1020.
$$e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1021. \ e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg$$

$$1022. \ e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg$$

1023.
$$e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1024. \ e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg$$

$$1025. \ e_{2,6} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}}, \lnot e_{2,6} \lor t_{\lnot e_{1,6}, e_{2,6}} \vdash t_{\lnot e_{1,6}, e_{2,6}} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}}$$

$$1026. \ \ e_{2,6} \lor t_{\lnot e_{1,6}, \, \lnot e_{2,6}}, \lnot e_{2,6} \lor t_{\lnot e_{1,6}, \, e_{2,6}} \vdash t_{\lnot e_{1,6}, \, e_{2,6}} \lor t_{\lnot e_{1,6}, \, \lnot e_{2,6}}$$

1027.
$$e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1028.
$$e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1029. \ e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1030.
$$e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1031. \ e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1032. \ e_{2,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, \, \neg e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}$$

$$1033. \ e_{2,6} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}}, \lnot e_{2,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}}$$

1034.
$$e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1035.
$$e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1036.
$$e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1037. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,5} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{4,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{4,6}} \lor \neg e_{4,5} \lor \neg t_{e_{4,6},\,e_{5,6}} \lor \neg e_{4,6} \lor \neg e$$

1038.
$$e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4},\neg e_{2,4}} \vdash e_{5,6} \lor t_{\neg e_{1,4},\neg e_{2,4}} \lor \neg t_{e_{4,6},e_{5,6}}$$

$$1039. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4},\,\neg e_{2,4}} \vdash e_{5,6} \lor t_{\neg e_{1,4},\,\neg e_{2,4}} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4},\,\neg e_{2,4}} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4},\,\neg e_{2,4}} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4},\,\neg e_{2,4}} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4},\,\neg e_{2,4}} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4},\,\neg e_{2,4}} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4},\,\neg e_{2,4}} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4},\,\neg e_{2,4}} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4},\,\neg e_{2,4}} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4},\,\neg e_{2,4}} \lor \neg t_{\neg e_{1,4},\,\neg e_{2,4}}, \neg e_{4,6} \lor t_{\neg e_{1,4},\,\neg e$$

$$1040. \ \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, e_{4,5} \lor \neg e_{4,6} \lor \neg t_{e_{4,5},\,\neg e_{4,6}} \vdash e_{5,6} \lor e_{4,5} \lor \neg t_{e_{4,5},\,\neg e_{4,6}} \lor \neg t_{e_{4,6},\,e_{5,6}} \lor \neg t_{e_{4,6},\,e_{5,$$

1041.
$$e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4},e_{2,4}} \vdash e_{5,6} \lor t_{\neg e_{1,4},e_{2,4}} \lor \neg t_{e_{4,6},e_{5,6}}$$

$$1042. \ \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, e_{4,5} \lor \neg e_{4,6} \lor \neg t_{e_{4,5},\,\neg e_{4,6}} \vdash e_{5,6} \lor e_{4,5} \lor \neg t_{e_{4,5},\,\neg e_{4,6}} \lor \neg t_{e_{4,6},\,e_{5,6}} \lor \neg t_{e_{4,6},\,e_{5,$$

$$1043. \ \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,5} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{4,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{4,6}} \lor \neg e_{4,5} \lor \neg t_{e_{4,6},\,e_{5,6}} \lor \neg e_{4,6} \lor \neg$$

1044.
$$e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4},e_{2,4}} \vdash e_{5,6} \lor t_{\neg e_{1,4},e_{2,4}} \lor \neg t_{e_{4,6},e_{5,6}}$$

$$1045. \ \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,6} \lor t_{e_{1,4},\,\neg e_{2,4}} \vdash e_{5,6} \lor t_{e_{1,4},\,\neg e_{2,4}} \lor \neg t_{e_{4,6},\,e_{5,6}}$$

$$1046. \ \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, \, e_{5,6}}, e_{4,5} \lor \neg e_{4,6} \lor \neg t_{e_{4,5}, \, \neg e_{4,6}} \vdash e_{5,6} \lor e_{4,5} \lor \neg t_{e_{4,5}, \, \neg e_{4,6}} \lor \neg t_{e_{4,6}, \, e_{5,6}} \lor \neg t_{e_{4,6}, \, e_{5,6}}$$

$$1047. \ \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,5} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{4,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{4,6}} \lor \neg e_{4,5} \lor \neg t_{e_{4,6},\,e_{5,6}} \lor \neg e_{4,6} \lor \neg$$

1048.
$$e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},e_{5,6}}, \neg e_{4,6} \lor t_{e_{1,4},\neg e_{2,4}} \vdash e_{5,6} \lor t_{e_{1,4},\neg e_{2,4}} \lor \neg t_{e_{4,6},e_{5,6}}$$

$$1049. \ \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,5} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{4,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{4,6}} \lor \neg e_{4,5} \lor \neg t_{e_{4,6},\,e_{5,6}} \lor \neg e_{4,6} \lor \neg$$

1050.
$$e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}}, \neg e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \vdash e_{5,6} \lor t_{e_{1,4}, e_{2,4}} \lor \neg t_{e_{4,6}, e_{5,6}}$$

1051.
$$e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}}, \neg e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \vdash e_{5,6} \lor t_{e_{1,4}, e_{2,4}} \lor \neg t_{e_{4,6}, e_{5,6}}$$

$$1052. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, e_{4,5} \lor \neg e_{4,6} \lor \neg t_{e_{4,5},\,\neg e_{4,6}} \vdash e_{5,6} \lor e_{4,5} \lor \neg t_{e_{4,5},\,\neg e_{4,6}} \lor \neg t_{e_{4,6},\,e_{5,6}}, e_{4,6} \lor \neg t_{e_{4,6},\,e_{5,6}} \lor \neg t_{e_{4,6},\,e_{5,6}}, e_{4,6} \lor \neg$$

$$1053. \ \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,5} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{5,6}} \vdash e_{4,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{5,6}} \lor \neg e_{4,5} \lor \neg t_{e_{4,6},\,e_{5,6}} \lor \neg e_{4,6} \lor \neg$$

1054.
$$e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash e_{4,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor \neg t_{e_{4,6}, e_{5,6}}$$

1055.
$$e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash e_{4,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor \neg t_{e_{4,6}, e_{5,6}}$$

$$1056. \ \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5},\,\neg e_{5,6}} \vdash e_{4,6} \lor e_{4,5} \lor \neg t_{e_{4,5},\,\neg e_{5,6}} \lor \neg t_{e_{4,6},\,e_{5,6}} \lor \neg t_{e_{4,6},\,e_{5,$$

1057.
$$e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5},e_{2,5}} \vdash e_{4,6} \lor t_{\neg e_{1,5},e_{2,5}} \lor \neg t_{e_{4,6},e_{5,6}}$$

$$1058. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}} \vdash e_{4,6} \lor e_{4,5} \lor \neg t_{e_{4,5}, \neg e_{5,6}} \lor \neg t_{e_{4,6}, e_{5,6}$$

$$1059. \ \ e_{4,6} \lor e_{5,6} \lor \lnot t_{e_{4,6},\,e_{5,6}}, \lnot e_{4,5} \lor \lnot e_{5,6} \lor \lnot t_{\lnot e_{4,5},\,\lnot e_{5,6}} \vdash e_{4,6} \lor \lnot t_{\lnot e_{4,5},\,\lnot e_{5,6}} \lor \lnot e_{4,5} \lor \lnot t_{e_{4,6},\,e_{5,6}} \lor \lnot e_{4,6} \lor e_{4,6}$$

$$1060. \ \ e_{4,6} \lor e_{5,6} \lor \lnot t_{e_{4,6},\, e_{5,6}}, \lnot e_{5,6} \lor t_{\lnot e_{1,5},\, e_{2,5}} \vdash e_{4,6} \lor t_{\lnot e_{1,5},\, e_{2,5}} \lor \lnot t_{e_{4,6},\, e_{5,6}}$$

1061.
$$e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},e_{5,6}}, \neg e_{5,6} \lor t_{e_{1,5},\neg e_{2,5}} \vdash t_{e_{1,5},\neg e_{2,5}} \lor e_{4,6} \lor \neg t_{e_{4,6},e_{5,6}}$$

$$1062. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}} \vdash e_{4,6} \lor e_{4,5} \lor \neg t_{e_{4,5}, \neg e_{5,6}} \lor \neg t_{e_{4,6}, e_{5,6}$$

$$1063. \ \ e_{4,6} \lor e_{5,6} \lor \lnot t_{e_{4,6},\,e_{5,6}}, \lnot e_{4,5} \lor \lnot e_{5,6} \lor \lnot t_{\lnot e_{4,5},\,\lnot e_{5,6}} \vdash e_{4,6} \lor \lnot t_{\lnot e_{4,5},\,\lnot e_{5,6}} \lor \lnot e_{4,5} \lor \lnot t_{e_{4,6},\,e_{5,6}} \lor \lnot e_{4,6} \lor e_{4,6} \lor$$

$$1064. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{5,6} \lor t_{e_{1,5},\,\neg e_{2,5}} \vdash t_{e_{1,5},\,\neg e_{2,5}} \lor e_{4,6} \lor \neg t_{e_{4,6},\,e_{5,6}}$$

$$1065. \ \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,5} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{5,6}} \vdash e_{4,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{5,6}} \lor \neg e_{4,5} \lor \neg t_{e_{4,6},\,e_{5,6}} \lor \neg e_{4,6} \lor \neg$$

$$1066. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{5,6} \lor t_{e_{1,5},\,e_{2,5}} \vdash e_{4,6} \lor t_{e_{1,5},\,e_{2,5}} \lor \neg t_{e_{4,6},\,e_{5,6}}$$

$$1067. \ \ e_{4,6} \lor e_{5,6} \lor \lnot t_{e_{4,6},\,e_{5,6}}, \lnot e_{5,6} \lor t_{e_{1,5},\,e_{2,5}} \vdash e_{4,6} \lor t_{e_{1,5},\,e_{2,5}} \lor \lnot t_{e_{4,6},\,e_{5,6}}$$

$$1068. \ \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5},\,\neg e_{5,6}} \vdash e_{4,6} \lor e_{4,5} \lor \neg t_{e_{4,5},\,\neg e_{5,6}} \lor \neg t_{e_{4,6},\,e_{5,6}} \lor \neg t_{e_{4,6},\,e_{5,$$

1069.
$$e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{4,6}, e_{5,6}}$$

1070.
$$e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6},\neg e_{2,6}} \vdash e_{4,6} \lor t_{\neg e_{1,6},\neg e_{2,6}} \lor \neg t_{e_{4,6},e_{5,6}}$$

$$1071. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{3,6} \lor t_{\neg e_{1,6},\,\neg e_{2,6}} \lor t_{e_{4,6},\,e_{5,6}} \vdash e_{5,6} \lor \neg e_{3,6} \lor e_{4,6} \lor t_{\neg e_{1,6},\,\neg e_{2,6}}$$

$$1072. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\,e_{5,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\,e_{5,6}} \lor \neg t_{e_{4,6},\,e_{5,6}} \lor \neg t_{e$$

$$1073. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6},\,\neg e_{2,6}} \vdash e_{4,6} \lor t_{\neg e_{1,6},\,\neg e_{2,6}} \lor \neg t_{e_{4,6},\,e_{5,6}}$$

$$1074. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6},\,\neg e_{5,6}} \vdash e_{4,6} \lor \neg t_{e_{4,6},\,\neg e_{5,6}} \lor \neg t_{e_{4,6},\,e_{5,6}} \lor \neg t_{e$$

$$1075. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6},\,\neg e_{2,6}} \vdash e_{5,6} \lor t_{\neg e_{1,6},\,\neg e_{2,6}} \lor \neg t_{e_{4,6},\,e_{5,6}}$$

$$1076. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\,e_{5,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\,e_{5,6}} \lor \neg t_{e_{4,6},\,e_{5,6}} \lor \neg t_{e$$

1077.
$$e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{4,6}, e_{5,6}}$$

$$1078. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6},\,\neg e_{5,6}} \vdash e_{4,6} \lor \neg t_{e_{4,6},\,\neg e_{5,6}} \lor \neg t_{e_{4,6},\,e_{5,6}} \lor \neg t_{e$$

$$1079. \ e_{4,6} \lor e_{5,6} \lor \lnot t_{e_{4,6},\,e_{5,6}}, \lnot e_{4,6} \lor t_{\lnot e_{1,6},\,e_{2,6}} \vdash e_{5,6} \lor t_{\lnot e_{1,6},\,e_{2,6}} \lor \lnot t_{e_{4,6},\,e_{5,6}}$$

$$1080. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6},\,e_{2,6}} \vdash e_{5,6} \lor t_{\neg e_{1,6},\,e_{2,6}} \lor \neg t_{e_{4,6},\,e_{5,6}}$$

1081.
$$e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{4,6}, e_{5,6}}$$

1082.
$$e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{4,6}, e_{5,6}} \vdash e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor e_{4,6} \lor e_{3,6}$$

$$1083. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\,e_{5,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\,e_{5,6}} \lor \neg t_{e_{4,6},\,e_{5,6}} \lor \neg t_{e$$

$$1084. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{5,6} \lor t_{e_{1,6},\,\neg e_{2,6}} \vdash e_{4,6} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor \neg t_{e_{4,6},\,e_{5,6}}$$

$$1085. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6},\,\neg e_{5,6}} \vdash e_{4,6} \lor \neg t_{e_{4,6},\,\neg e_{5,6}} \lor \neg t_{e_{4,6},\,e_{5,6}} \lor \neg t_{e$$

$$1086. \ \ e_{4,6} \lor e_{5,6} \lor \lnot t_{e_{4,6},\,e_{5,6}}, \lnot e_{4,6} \lor t_{e_{1,6},\,\lnot e_{2,6}} \vdash e_{5,6} \lor t_{e_{1,6},\,\lnot e_{2,6}} \lor \lnot t_{e_{4,6},\,e_{5,6}}$$

$$1087. \ \ e_{4,6} \lor e_{5,6} \lor \lnot t_{e_{4,6},\, e_{5,6}}, \lnot e_{4,6} \lor t_{e_{1,6},\, \lnot e_{2,6}} \vdash e_{5,6} \lor t_{e_{1,6},\, \lnot e_{2,6}} \lor \lnot t_{e_{4,6},\, e_{5,6}}$$

1088.
$$e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},e_{5,6}}, \neg e_{5,6} \lor t_{e_{1,6},\neg e_{2,6}} \vdash e_{4,6} \lor t_{e_{1,6},\neg e_{2,6}} \lor \neg t_{e_{4,6},e_{5,6}}$$

1089.
$$e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}}, e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, e_{5,6}} \vdash e_{5,6} \lor e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor e_{3,6}$$

$$1090. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,6} \lor t_{e_{1,6},\,e_{2,6}} \vdash e_{5,6} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{4,6},\,e_{5,6}}$$

$$1091. \ e_{4,6} \lor e_{5,6} \lor \lnot t_{e_{4,6},\,e_{5,6}}, \lnot e_{5,6} \lor t_{e_{1,6},\,e_{2,6}} \vdash e_{4,6} \lor t_{e_{1,6},\,e_{2,6}} \lor \lnot t_{e_{4,6},\,e_{5,6}}$$

$$1092. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}}, \neg e_{3,6} \lor t_{e_{1,6}, e_{2,6}} \lor t_{e_{4,6}, e_{5,6}} \vdash e_{5,6} \lor \neg e_{3,6} \lor t_{e_{4,6}, e_{2,6}} \lor t_{e_{1,6}, e_{2,6}} \lor t_{e_{3,6}, e_{3,6}} \lor t_{$$

$$1093. \ \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\,e_{5,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\,e_{5,6}} \lor \neg t_{e_{4,6},\,e_{5,6}} \lor \neg t_$$

$$1094. \ \ e_{4,6} \lor e_{5,6} \lor \lnot t_{e_{4,6},\,e_{5,6}}, \lnot e_{5,6} \lor t_{e_{1,6},\,e_{2,6}} \vdash e_{4,6} \lor t_{e_{1,6},\,e_{2,6}} \lor \lnot t_{e_{4,6},\,e_{5,6}}$$

$$1095. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6},\,\neg e_{5,6}} \vdash e_{4,6} \lor \neg t_{e_{4,6},\,\neg e_{5,6}} \lor \neg t_{e_{4,6},\,e_{5,6}} \lor \neg t_{e$$

$$1096. \ \ e_{4,6} \lor e_{5,6} \lor \lnot t_{e_{4,6},\,e_{5,6}}, \lnot e_{4,6} \lor t_{e_{1,6},\,e_{2,6}} \vdash e_{5,6} \lor t_{e_{1,6},\,e_{2,6}} \lor \lnot t_{e_{4,6},\,e_{5,6}}$$

1097.
$$\neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \vdash t_{\neg e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1098.
$$\neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5}, e_{4,6}} \vdash e_{4,5} \lor \neg t_{e_{4,5}, e_{4,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1099. \ \, \neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5}, \, e_{4,6}} \vdash \neg t_{\neg e_{4,5}, \, e_{4,6}} \lor \neg e_{4,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1100.
$$\neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \vdash t_{\neg e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1101.
$$\neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5}, e_{4,6}} \vdash \neg t_{\neg e_{4,5}, e_{4,6}} \lor \neg e_{4,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1102.
$$\neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,4}, e_{2,4}} \vdash t_{\neg e_{1,4}, e_{2,4}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1103.
$$\neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,4}, e_{2,4}} \vdash t_{\neg e_{1,4}, e_{2,4}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1104.
$$\neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5}, e_{4,6}} \vdash e_{4,5} \lor \neg t_{e_{4,5}, e_{4,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1105. \ \, \neg e_{4,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5}, \, e_{4,6}} \vdash \neg t_{\neg e_{4,5}, \, e_{4,6}} \lor \neg e_{4,5} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}$$

1106.
$$\neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor t_{e_{1,4}, \neg e_{2,4}} \vdash t_{e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1107. \ \, \neg e_{4,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}}, e_{4,6} \lor t_{e_{1,4},\, \neg e_{2,4}} \vdash t_{e_{1,4},\, \neg e_{2,4}} \lor t_{\neg e_{1,6},\, \neg e_{2,6}}$$

1108.
$$\neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5}, e_{4,6}} \vdash e_{4,5} \lor \neg t_{e_{4,5}, e_{4,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1109.
$$\neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \vdash t_{e_{1,4}, e_{2,4}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1110. \ \, \neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5}, e_{4,6}} \vdash e_{4,5} \lor \neg t_{e_{4,5}, e_{4,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1111.
$$\neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5}, e_{4,6}} \vdash \neg t_{\neg e_{4,5}, e_{4,6}} \lor \neg e_{4,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1112. \ \, \neg e_{4,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}}, e_{4,6} \lor t_{e_{1,4},\, e_{2,4}} \vdash t_{e_{1,4},\, e_{2,4}} \lor t_{\neg e_{1,6},\, \neg e_{2,6}}$$

1113.
$$\neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}}$$

1114.
$$\neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}} \vdash e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{4,6}, e_{5,6}}$$

1115.
$$\neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1116. \ \, \neg e_{4,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \, \neg e_{5,6}} \vdash \neg e_{5,6} \lor \neg t_{e_{4,6}, \, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}$$

1117.
$$\neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1118. \ \, \neg e_{4,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \, \neg e_{5,6}} \vdash \neg e_{5,6} \lor \neg t_{e_{4,6}, \, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}$$

1119.
$$\neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1120. \ \, \neg e_{4,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, \, e_{5,6}} \vdash e_{5,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{e_{4,6}, \, e_{5,6}}$$

1121.
$$\neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1122.
$$\neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \vdash \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1123. \ \, \neg e_{4,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}, e_{4,6} \lor t_{e_{1,6}, \, \neg e_{2,6}} \vdash t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}$$

$$1124. \ \, \neg e_{4,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, \, e_{5,6}} \vdash e_{5,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{e_{4,6}, \, e_{5,6}}$$

1125.
$$\neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1126. \ \, \neg e_{4,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, \, e_{5,6}} \vdash e_{5,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{e_{4,6}, \, e_{5,6}}$$

1127.
$$\neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1128. \ \, \neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \vdash \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1129.
$$\neg e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,5}, \neg e_{2,5}}$$

$$1130. \ \, \neg e_{5,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5}, \, e_{5,6}} \vdash \neg t_{e_{4,5}, \, e_{5,6}} \lor e_{4,5} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}$$

1131.
$$\neg e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5}, e_{5,6}} \vdash \neg t_{\neg e_{4,5}, e_{5,6}} \lor \neg e_{4,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1132.
$$\neg e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,5}, \neg e_{2,5}}$$

$$1133. \ \, \neg e_{5,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5}, \, e_{5,6}} \vdash \neg t_{\neg e_{4,5}, \, e_{5,6}} \lor \neg e_{4,5} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}$$

$$1134. \ \, \neg e_{5,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,5}, \, e_{2,5}} \vdash t_{\neg e_{1,5}, \, e_{2,5}} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}$$

1135.
$$\neg e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1136.
$$\neg e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5}, e_{5,6}} \vdash \neg t_{e_{4,5}, e_{5,6}} \lor e_{4,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1137. \ \, \neg e_{5,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5}, \, e_{5,6}} \vdash \neg t_{\neg e_{4,5}, \, e_{5,6}} \lor \neg e_{4,5} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}$$

1138.
$$\neg e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{5,6} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1139. \ \, \neg e_{5,6} \vee t_{\neg e_{1,6},\, \neg e_{2,6}}, e_{5,6} \vee t_{e_{1,5},\, \neg e_{2,5}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \vee t_{\neg e_{1,6},\, \neg e_{2,6}}$$

1140.
$$\neg e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5}, e_{5,6}} \vdash \neg t_{e_{4,5}, e_{5,6}} \lor e_{4,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1141.
$$\neg e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{5,6} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,5}, e_{2,5}}$$

1142.
$$\neg e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5}, e_{5,6}} \vdash \neg t_{e_{4,5}, e_{5,6}} \lor e_{4,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1143.
$$\neg e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5}, e_{5,6}} \vdash \neg t_{\neg e_{4,5}, e_{5,6}} \lor \neg e_{4,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1144.
$$\neg e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{5,6} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,5}, e_{2,5}}$$

1145.
$$\neg e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}}$$

1146.
$$\neg e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}} \vdash e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{4,6}, e_{5,6}}$$

$$1147. \ \, \neg e_{5,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, \, e_{5,6}} \vdash \neg t_{\neg e_{4,6}, \, e_{5,6}} \lor \neg e_{4,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}$$

1148.
$$\neg e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}}$$

1149.
$$\neg e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \vdash \neg t_{\neg e_{4,6}, e_{5,6}} \lor \neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1150. \ \, \neg e_{5,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,6},\, \neg e_{2,6}}$$

1151.
$$\neg e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1152.
$$\neg e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}} \vdash e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{4,6}, e_{5,6}}$$

$$1153. \ \, \neg e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \vdash \neg t_{\neg e_{4,6}, e_{5,6}} \lor \neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1154. \ \, \neg e_{5,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}, e_{5,6} \lor t_{e_{1,6}, \, \neg e_{2,6}} \vdash t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}$$

1155.
$$\neg e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1156. \ \, \neg e_{5,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, \, e_{5,6}} \vdash e_{4,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{e_{4,6}, \, e_{5,6}}$$

1157.
$$\neg e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1158. \ \, \neg e_{5,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\, e_{5,6}} \vdash e_{4,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \lor \neg t_{e_{4,6},\, e_{5,6}}$$

$$1159. \ \, \neg e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \vdash \neg t_{\neg e_{4,6}, e_{5,6}} \lor \neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1160.
$$\neg e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1161. \ \neg e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{e_{4,6}, e_{5,6}} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1162. \ \, \neg e_{3,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{4,6}, \, e_{5,6}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5}, \, e_{3,6}} \vdash t_{e_{4,6}, \, e_{5,6}} \lor e_{3,5} \lor \neg t_{e_{3,5}, \, e_{3,6}} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}$$

$$1163. \ \, \neg e_{3,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{4,6}, \, e_{5,6}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5}, \, e_{3,6}} \vdash t_{e_{4,6}, \, e_{5,6}} \lor \neg t_{\neg e_{3,5}, \, e_{3,6}} \lor \neg e_{3,5} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{\neg e_{3,5}, \, e_{3,6}} \lor \neg t_{\neg e_{3,5}, \, e_{3,6$$

$$1164. \ \, \neg e_{3,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{4,6}, \, e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}} \vdash t_{e_{4,6}, \, e_{5,6}} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}$$

$$1165. \ \neg e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, e_{5,6}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5}, e_{3,6}} \vdash t_{e_{4,6}, e_{5,6}} \lor \neg t_{\neg e_{3,5}, e_{3,6}} \lor \neg e_{3,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{3,5}, e_{3,6}} \lor \neg$$

$$1166. \ \, \neg e_{3,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{4,6}, \, e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,3}, \, e_{2,3}} \vdash t_{e_{4,6}, \, e_{5,6}} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}$$

$$1167. \ \, \neg e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash t_{e_{4,6}, e_{5,6}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1168. \ \, \neg e_{3,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{4,6}, \, e_{5,6}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5}, \, e_{3,6}} \vdash t_{e_{4,6}, \, e_{5,6}} \lor e_{3,5} \lor \neg t_{e_{3,5}, \, e_{3,6}} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}$$

$$1169. \ \neg e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, e_{5,6}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5}, e_{3,6}} \vdash t_{e_{4,6}, e_{5,6}} \lor \neg t_{\neg e_{3,5}, e_{3,6}} \lor \neg e_{3,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{3,5}, e_{3,6}} \lor \neg$$

1170.
$$\neg e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, e_{5,6}}, e_{3,6} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{e_{4,6}, e_{5,6}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1171. \ \neg e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, e_{5,6}}, e_{3,6} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{e_{4,6}, e_{5,6}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1172. \ \neg e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, e_{5,6}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5}, e_{3,6}} \vdash t_{e_{4,6}, e_{5,6}} \lor e_{3,5} \lor \neg t_{e_{3,5}, e_{3,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1173.
$$\neg e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, e_{5,6}}, e_{3,6} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{e_{4,6}, e_{5,6}} \lor t_{e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1174. \ \, \neg e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, e_{5,6}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5}, e_{3,6}} \vdash t_{e_{4,6}, e_{5,6}} \lor e_{3,5} \lor \neg t_{e_{3,5}, e_{3,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1175. \ \, \neg e_{3,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{4,6}, \, e_{5,6}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5}, \, e_{3,6}} \vdash t_{e_{4,6}, \, e_{5,6}} \lor \neg t_{\neg e_{3,5}, \, e_{3,6}} \lor \neg e_{3,5} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor \neg e_{3,5} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor \neg e_{3,5} \lor t_{\neg e_{3,6}, \, e_{3,6}} \lor \neg e_{3,5} \lor t_{\neg e_{3,6}, \, e_{3,6}} \lor \neg e_{3,6} \lor$$

$$1176. \ \neg e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, e_{5,6}}, e_{3,6} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{e_{4,6}, e_{5,6}} \lor t_{e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1177.
$$\neg e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, e_{5,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}} \vdash \neg e_{3,6} \lor e_{5,6} \lor e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1178. \ \, \neg e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}} \vdash t_{e_{4,6}, e_{5,6}} \lor t_{\neg e_{4,6}, e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor$$

$$1179. \ \neg e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \vdash t_{e_{4,6}, e_{5,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_$$

$$1180. \ \, \neg e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \vdash t_{e_{4,6}, e_{5,6}} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \lor$$

$$1181. \ \, \neg e_{3,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{4,6}, \, e_{5,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, \, e_{5,6}} \vdash \neg e_{3,6} \lor e_{5,6} \lor e_{4,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}$$

$$1182. \ \neg e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{4,6}, e_{5,6}} \vdash t_{e_{4,6}, e_{5,6}} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e$$

$$1183. \ \, \neg e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, e_{5,6}}, e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \vdash t_{e_{4,6}, e_{5,6}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \lor$$

$$1184. \ \, \neg e_{3,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{4,6}, \, e_{5,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, \, e_{5,6}} \vdash \neg e_{3,6} \lor e_{5,6} \lor e_{4,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}$$

$$1185. \ \neg e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, e_{5,6}}, e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, e_{5,6}} \vdash t_{e_{4,6}, e_{5,6}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e$$

$$1186. \ \, \neg e_{3,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{4,6}, \, e_{5,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, \, e_{5,6}} \vdash \neg e_{3,6} \lor e_{5,6} \lor e_{4,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}$$

$$1187. \ \neg e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, e_{5,6}}, e_{3,6} \lor t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}} \vdash t_{e_{4,6}, e_{5,6}} \lor t_{\neg e_{4,6}, e_{5,6}} \lor t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,$$

$$1188. \ \neg e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, e_{5,6}}, e_{3,6} \lor t_{e_{1,6}, e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \vdash t_{e_{4,6}, e_{5,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \lor t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,$$

$$1189. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,5} \lor e_{1,6} \lor \neg t_{e_{1,5}, e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, e_{1,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor$$

$$1190. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{e_{1,2}, \, e_{1,3}} \vdash t_{e_{1,2}, \, e_{1,3}} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$1191. \ \, \neg e_{1,6} \vee \neg e_{2,6} \vee \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,6} \vee t_{e_{1,2}, \, e_{1,3}} \vdash t_{e_{1,2}, \, e_{1,3}} \vee \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \vee \neg e_{2,6} \vee \neg e_{2$$

$$1192. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,5} \lor e_{1,6} \lor \neg t_{\neg e_{1,5}, e_{1,6}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e_$$

1193.
$$\neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$1194. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,5} \lor e_{1,6} \lor \neg t_{\neg e_{1,5}, e_{1,6}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e_$$

$$1195. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,5} \lor e_{1,6} \lor \neg t_{e_{1,5}, e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, e_{1,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor$$

$$1196. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$1197. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$1198. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,5} \lor e_{1,6} \lor \neg t_{\neg e_{1,5}, e_{1,6}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e_$$

$$1199. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,5} \lor e_{1,6} \lor \neg t_{e_{1,5}, e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, e_{1,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor$$

$$1200. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$1201. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,5} \lor e_{1,6} \lor \neg t_{e_{1,5}, e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, e_{1,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor$$

$$1202. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg e_{2,6}$$

$$1203. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg e_{2,6}$$

$$1204. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,5} \lor e_{1,6} \lor \neg t_{\neg e_{1,5}, e_{1,6}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$1205. \ \, \neg e_{1,6} \vee \neg e_{2,6} \vee \neg t_{\neg e_{1,6}, \, \neg e_{2,6}}, e_{2,6} \vee t_{\neg e_{1,2}, \, \neg e_{2,3}} \vdash \neg e_{1,6} \vee \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \vee t_{\neg e_{1,2}, \, \neg e_{2,3}}$$

$$1206. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{e_{2,5}, e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor e_{2,5}$$

$$1207. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor \neg e_{2,5} \lor \neg e_$$

$$1208. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$1209. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor \neg e_{2,6} \lor \neg e_$$

$$1210. \ \, \neg e_{1,6} \vee \neg e_{2,6} \vee \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{1,6} \vee \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vee t_{\neg e_{1,2}, e_{2,3}}$$

$$1211. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$1212. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{e_{2,5}, e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor e_{2,5}$$

$$1213. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor \neg e_{2,6} \lor \neg e_$$

$$1214. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, \, \neg e_{2,3}} \vdash \neg e_{1,6} \lor t_{e_{1,2}, \, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}}$$

$$1215. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{2,6}$$

$$1216. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, \, e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{e_{2,5}, \, e_{2,6}} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor e_{2,5}$$

$$1217. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg e_{1,6} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor$$

$$1218. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{e_{2,5}, e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor e_{2,5}$$

$$1219. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}}$$

$$1220. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg e_{1,6} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}$$

$$1221. \ \, \neg e_{1,6} \vee \neg e_{2,6} \vee \neg t_{\neg e_{1,6}, \, \neg e_{2,6}}, e_{4,6} \vee t_{\neg e_{1,6}, \, \neg e_{2,6}} \vdash \neg e_{1,6} \vee e_{4,6} \vee \neg e_{2,6}$$

$$1222. \ \, \neg e_{1,6} \vee \neg e_{2,6} \vee \neg t_{\neg e_{1,6}, \, \neg e_{2,6}}, e_{5,6} \vee t_{\neg e_{1,6}, \, \neg e_{2,6}} \vdash e_{5,6} \vee \neg e_{1,6} \vee \neg e_{2,6}$$

$$1223. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \vdash \neg e_{3,6} \lor \neg e_{1,6} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg e_{2,6}$$

$$1224. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg e_{4,6} \lor \neg e_{2,6}$$

$$1225. \ \, \neg e_{1,6} \vee \neg e_{2,6} \vee \neg t_{\neg e_{1,6}, \, \neg e_{2,6}}, \neg e_{5,6} \vee t_{\neg e_{1,6}, \, \neg e_{2,6}} \vdash \neg e_{1,6} \vee \neg e_{5,6} \vee \neg e_{2,6}$$

$$1226. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, e_{5,6}} \vdash \neg e_{3,6} \lor \neg e_{1,6} \lor t_{e_{4,6}, e_{5,6}} \lor \neg e_{2,6}$$

1227.
$$\neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg e_{1,6} \lor e_{4,6} \lor \neg e_{2,6}$$

$$1228. \ \, \neg e_{1,6} \vee \neg e_{2,6} \vee \neg t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{5,6} \vee t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg e_{1,6} \vee \neg e_{5,6} \vee \neg e_{2,6}$$

$$1229. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}} \vdash \neg e_{1,6} \lor t_{\neg e_{4,6}, e_{5,6}} \lor e_{3,6} \lor \neg e_{2,6}$$

$$1230. \ \, \neg e_{1,6} \vee \neg e_{2,6} \vee \neg t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \vee t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg e_{1,6} \vee \neg e_{4,6} \vee \neg e_{2,6}$$

1231.
$$\neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash e_{5,6} \lor \neg e_{1,6} \lor \neg e_{2,6}$$

$$1232. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \vdash \neg e_{1,6} \lor t_{e_{4,6}, \neg e_{5,6}} \lor e_{3,6} \lor \neg e_{2,6} \lor$$

$$1233. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \lor \neg$$

$$1234. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$1235. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \lor \neg$$

$$1236. \ \, \neg e_{1,6} \vee \neg e_{2,6} \vee \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,6} \vee t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \vee \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vee \neg e_{2,6} \vee \neg e_{2,6$$

$$1237. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \lor \neg$$

$$1238. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$1239. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \lor \neg$$

$$1240. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$1241. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e_$$

$$1242. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg$$

$$1243. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e_$$

1244.
$$\neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1245. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{2,6}} \lor \neg t_$$

$$1246. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg$$

$$1247. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{2,6}} \lor \neg t_$$

$$1248. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg$$

$$1249. \ e_{1,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,2}, \, e_{1,3}} \vdash t_{e_{1,2}, \, e_{1,3}} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}$$

$$1250. \ e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,5} \lor \neg e_{1,6} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1251.
$$e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,5} \lor \neg e_{1,6} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1252. \ e_{1,6} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}}, \lnot e_{1,6} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}}$$

1253.
$$e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,5} \lor \neg e_{1,6} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1254.
$$e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

1255.
$$e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$1256. \ \ e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,5} \lor \neg e_{1,6} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1257.
$$e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,5} \lor \neg e_{1,6} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1258. \ e_{1,6} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}}, \lnot e_{1,6} \lor t_{\lnot e_{1,2}, e_{1,3}} \vdash t_{\lnot e_{1,2}, e_{1,3}} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}}$$

$$1259. \ \ e_{1,6} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}}, \lnot e_{1,6} \lor t_{\lnot e_{1,2}, \, e_{1,3}} \vdash t_{\lnot e_{1,2}, \, e_{1,3}} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}}$$

$$1260. \ e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,5} \lor \neg e_{1,6} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1261.
$$e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$1262. \ e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,5} \lor \neg e_{1,6} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1263.
$$e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,5} \lor \neg e_{1,6} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1264. \ e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$1265. \ e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1266. \ e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \lor \neg e_{2,$$

$$1267. \ e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \lor \neg e_{2,$$

$$1268. \ e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \lor \neg e_{2,$$

$$1269. \ e_{1,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}} \vdash t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}$$

$$1270. \ e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

$$1271. \ e_{1,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}} \vdash t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}$$

$$1272. \ e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

1273.
$$e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1274.
$$e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1275.
$$e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1276.
$$e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1277.
$$e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1278.
$$e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1279.
$$e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1280.
$$e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1281.
$$e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1282. \ e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1283.
$$e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1284.
$$e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1285. \ \ e_{2,6} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}}, \lnot e_{2,6} \lor t_{\lnot e_{1,2}, e_{2,3}} \vdash t_{\lnot e_{1,2}, e_{2,3}} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}}$$

$$1286. \ e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1287. \ e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1288.
$$e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1289.
$$e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1290.
$$e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1291. \ e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1292. \ e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1293.
$$e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1294.
$$e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}$$

1295.
$$e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}$$

$$1296. \ \ e_{2,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \, \neg e_{2,6}} \vdash e_{2,5} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{e_{2,5}, \, \neg e_{$$

$$1297. \ e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg$$

$$1298. \ e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg$$

$$1299. \ e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg$$

1300.
$$e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1301.
$$e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1302. \ e_{2,6} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}}, \lnot e_{2,6} \lor t_{\lnot e_{1,6}, e_{2,6}} \vdash t_{\lnot e_{1,6}, e_{2,6}} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}}$$

1303.
$$e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1304. \ \ e_{2,6} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}}, \lnot e_{2,6} \lor t_{\lnot e_{1,6}, e_{2,6}} \vdash t_{\lnot e_{1,6}, e_{2,6}} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}}$$

1305.
$$e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1306. \ \ e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1307. \ e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1308. \ \ e_{2,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, \, \neg e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}$$

1309.
$$e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1310.
$$e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1311.
$$e_{2,6} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}}, \lnot e_{2,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}}$$

$$1312. \ e_{2,6} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}}, \lnot e_{2,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}}$$

$$1313. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,4},\, \neg e_{2,4}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,4},\, \neg e_{2,4}}$$

$$1314. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5},\, e_{4,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor e_{4,5} \lor \neg t_{e_{4,5},\, e_{4,6}} \lor \neg t_{e_{4,5},\, e_{$$

$$1315. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5},\, e_{4,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg t_{\neg e_{4,5},\, e_{4,6}} \lor \neg e_{4,5} \lor \neg e_{4,5$$

$$1316. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,4},\, \neg e_{2,4}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,4},\, \neg e_{2,4}}$$

$$1317. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5},\, e_{4,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg t_{\neg e_{4,5},\, e_{4,6}} \lor \neg e_{4,5}$$

$$1318. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,4},\, e_{2,4}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,4},\, e_{2,4}}$$

1319.
$$\neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,4}, e_{2,4}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \lor t_{\neg e_{1,4}, e_{2,4}}$$

$$1320. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5},\, e_{4,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor e_{4,5} \lor \neg t_{e_{4,5},\, e_{4,6}} \lor \neg t_{e_{4,5},\, e_{$$

$$1321. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5},\, e_{4,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg t_{\neg e_{4,5},\, e_{4,6}} \lor \neg e_{4,5}$$

$$1322. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,6} \lor t_{e_{1,4},\, \neg e_{2,4}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{e_{1,4},\, \neg e_{2,4}}$$

$$1323. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,6} \lor t_{e_{1,4},\, \neg e_{2,4}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{e_{1,4},\, \neg e_{2,4}}$$

$$1324. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5},\, e_{4,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor e_{4,5} \lor \neg t_{e_{4,5},\, e_{4,6}} \lor \neg t_{e_{4,5},\, e_{$$

1325.
$$\neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}}, e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \lor t_{e_{1,4}, e_{2,4}}$$

$$1326. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5},\, e_{4,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor e_{4,5} \lor \neg t_{e_{4,5},\, e_{4,6}} \lor \neg t_{e_{4,5},\, e_{$$

$$1327. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5},\, e_{4,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg t_{\neg e_{4,5},\, e_{4,6}} \lor \neg e_{4,5}$$

$$1328. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,6} \lor t_{e_{1,4},\, e_{2,4}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{e_{1,4},\, e_{2,4}}$$

$$1329. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{4,5} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,5},\, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg t_{\neg e_{4,5},\, \neg e_{5,6}} \lor \neg e_{4,6} \lor \neg e_{4,5} \lor \neg e_{4,6} \lor$$

$$1330. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5},\, \neg e_{2,5}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,5},\, \neg e_{2,5}} \lor \neg e_{4,6}$$

1331.
$$\neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash \neg t_{\neg e_{4,6}, e_{5,6}} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor \neg e_{4,6}$$

$$1332. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5},\, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor e_{4,5} \lor \neg t_{e_{4,5},\, \neg e_{5,6}} \lor \neg e_{4,6} \lor e_{4,5} \lor \neg e_{4,6} \lor e_{4,6} \lor e_{4,5} \lor \neg e_{4,6} \lor e_{4,6} \lor$$

$$1333. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg e_{4,6} \lor t_{\neg e_{1,5},\, e_{2,5}}$$

$$1334. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5},\, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor e_{4,5} \lor \neg t_{e_{4,5},\, \neg e_{5,6}} \lor \neg e_{4,6} \lor \neg e_{4,6$$

$$1335. \ \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}}, \neg e_{4,5} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,5}, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,6}, e_{5,6}} \lor \neg t_{\neg e_{4,5}, \neg e_{5,6}} \lor \neg e_{4,6} \lor \neg e_{4,5} \lor \neg e_{4,6} \lor \neg e_{4,$$

$$1336. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg e_{4,6} \lor t_{\neg e_{1,5},\, e_{2,5}}$$

$$1337. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{5,6} \lor t_{e_{1,5},\, \neg e_{2,5}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg e_{4,6}$$

$$1338. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5},\, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor e_{4,5} \lor \neg t_{e_{4,5},\, \neg e_{5,6}} \lor \neg e_{4,6} \lor \neg e_{4,6$$

$$1339. \ \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{4,5} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,5},\, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg t_{\neg e_{4,5},\, \neg e_{5,6}} \lor \neg e_{4,6} \lor \neg e_{4,5} \lor \neg e_{4,6} \lor \neg e$$

$$1340. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{5,6} \lor t_{e_{1,5},\, \neg e_{2,5}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg e_{4,6}$$

$$1341. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{4,5} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,5},\, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg t_{\neg e_{4,5},\, \neg e_{5,6}} \lor \neg e_{4,6} \lor \neg e_{4,5} \lor \neg e_{4,6} \lor$$

$$1342. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{5,6} \lor t_{e_{1,5},\, e_{2,5}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{e_{1,5},\, e_{2,5}} \lor \neg e_{4,6}$$

$$1343. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{5,6} \lor t_{e_{1,5},\, e_{2,5}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{e_{1,5},\, e_{2,5}} \lor \neg e_{4,6}$$

$$1344. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5},\, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor e_{4,5} \lor \neg t_{e_{4,5},\, \neg e_{5,6}} \lor \neg e_{4,6}$$

$$1345. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \lor \neg e_{4,6} \lor \neg e_{5,6} \lor$$

$$1346. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,6},\, \neg e_{2,6}}$$

$$1347. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\, e_{5,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg t_{e_{4,6},\, e_{5,6}} \lor \neg$$

$$1348. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg e_{4,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}}$$

$$1349. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,6},\, \neg e_{2,6}}$$

$$1350. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg e_{4,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}}$$

$$1351. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{4,6},\, e_{5,6}} \vdash e_{5,6} \lor \neg e_{4,6} \lor e_{3,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{4,6},\, e_{5,6}} \lor e_{5,6} \lor \neg e_{5,6} \lor e_$$

1352.
$$\neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

$$1353. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{4,6}$$

$$1354. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, e_{5,6}} \vdash e_{5,6} \lor \neg e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{4,6}$$

$$1355. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}}$$

$$1356. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,6},\, e_{2,6}}$$

$$1357. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\, e_{5,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg t_{e_{4,6},\, e_{5,6}} \lor \neg$$

1358.
$$\neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash \neg t_{\neg e_{4,6}, e_{5,6}} \lor t_{\neg e_{1,6}, e_{2,6}} \lor \neg e_{4,6}$$

$$1359. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,6} \lor t_{e_{1,6},\, \neg e_{2,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{e_{1,6},\, \neg e_{2,6}}$$

$$1360. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{5,6} \lor t_{e_{1,6},\, \neg e_{2,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor \neg e_{4,6}$$

$$1361. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{3,6} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{4,6},\, e_{5,6}} \vdash e_{5,6} \lor \neg e_{3,6} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor \neg e_{4,6}$$

$$1362. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, \, e_{5,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,6}, \, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \, \neg e_{5,6}}$$

$$1363. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,6} \lor t_{e_{1,6},\, \neg e_{2,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{e_{1,6},\, \neg e_{2,6}}$$

$$1364. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\, e_{5,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg t_{e_{4,6},\, e_{5,6}} \lor \neg$$

$$1365. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{5,6} \lor t_{e_{1,6},\, \neg e_{2,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor \neg e_{4,6}$$

$$1366. \ \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,6}, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg e_{4,6} \lor \neg e_{5,6} \lor \neg e_{5,$$

1367.
$$\neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}}, e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \lor t_{e_{1,6}, e_{2,6}}$$

$$1368. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\, e_{5,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg t_{e_{4,6},\, e_{5,6}} \lor \neg$$

1369.
$$\neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}}, \neg e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \vdash \neg t_{\neg e_{4,6}, e_{5,6}} \lor \neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}}$$

$$1370. \ \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,6} \lor t_{e_{1,6},\, e_{2,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{e_{1,6},\, e_{2,6}}$$

$$1371. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{5,6} \lor t_{e_{1,6},\, e_{2,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg e_{4,6} \lor t_{e_{1,6},\, e_{2,6}}$$

$$1372. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{3,6} \lor t_{e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, e_{5,6}} \vdash e_{5,6} \lor \neg e_{4,6} \lor e_{3,6} \lor t_{e_{1,6},\, e_{2,6}}$$

1373.
$$e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,5} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,5}, \neg e_{4,6}} \vdash \neg t_{\neg e_{4,5}, \neg e_{4,6}} \lor \neg e_{4,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1374.
$$e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \vdash t_{\neg e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1375. \ \ e_{4,6} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}}, \lnot e_{4,6} \lor t_{\lnot e_{1,4}, \lnot e_{2,4}} \vdash t_{\lnot e_{1,4}, \lnot e_{2,4}} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}}$$

$$1376. \ \ e_{4,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}, e_{4,5} \lor \neg e_{4,6} \lor \neg t_{e_{4,5}, \, \neg e_{4,6}} \vdash e_{4,5} \lor \neg t_{e_{4,5}, \, \neg e_{4,6}} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}$$

$$1377. \ e_{4,6} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}}, \lnot e_{4,6} \lor t_{\lnot e_{1,4}, \, e_{2,4}} \vdash t_{\lnot e_{1,4}, \, e_{2,4}} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}}$$

$$1378. \ e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,5} \lor \neg e_{4,6} \lor \neg t_{e_{4,5}, \neg e_{4,6}} \vdash e_{4,5} \lor \neg t_{e_{4,5}, \neg e_{4,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1379. \ \ e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,5} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,5}, \neg e_{4,6}} \vdash \neg t_{\neg e_{4,5}, \neg e_{4,6}} \lor \neg e_{4,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1380. \ \ e_{4,6} \lor t_{\lnot e_{1,6}, \, \lnot e_{2,6}}, \lnot e_{4,6} \lor t_{\lnot e_{1,4}, \, e_{2,4}} \vdash t_{\lnot e_{1,4}, \, e_{2,4}} \lor t_{\lnot e_{1,6}, \, \lnot e_{2,6}}$$

1381.
$$e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,4}, \neg e_{2,4}} \vdash t_{e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1382. \ e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,5} \lor \neg e_{4,6} \lor \neg t_{e_{4,5}, \neg e_{4,6}} \vdash e_{4,5} \lor \neg t_{e_{4,5}, \neg e_{4,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1383. \ \ e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,5} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,5}, \neg e_{4,6}} \vdash \neg t_{\neg e_{4,5}, \neg e_{4,6}} \lor \neg e_{4,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1384.
$$e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,4}, \neg e_{2,4}} \vdash t_{e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1385. \ e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,5} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,5}, \neg e_{4,6}} \vdash \neg t_{\neg e_{4,5}, \neg e_{4,6}} \lor \neg e_{4,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1386.
$$e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \vdash t_{e_{1,4}, e_{2,4}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1387.
$$e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \vdash t_{e_{1,4}, e_{2,4}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1388.
$$e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,5} \lor \neg e_{4,6} \lor \neg t_{e_{4,5}, \neg e_{4,6}} \vdash e_{4,5} \lor \neg t_{e_{4,5}, \neg e_{4,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1389. \ e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1390.
$$e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1391. \ \ e_{4,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, \, e_{5,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6}, \, e_{5,6}} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}$$

1392.
$$e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1393. \ \ e_{4,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, \, e_{5,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6}, \, e_{5,6}} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}$$

1394.
$$e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1395. \ e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

- 1396. $e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$
- 1397. $e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$
- 1398. $e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$
- $1399. \ e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$
- 1400. $e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$
- 1401. $e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$
- 1402. $e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$
- $1403. \ e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$
- $1404. \ \ e_{4,6} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}}, \lnot e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}}$
- $1405. \ \, \neg e_{5,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,5},\, \neg e_{2,5}} \vdash t_{\neg e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{1,5},\, \neg e_{2,5}}$
- $1406. \ \neg e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5}, e_{5,6}} \vdash \neg t_{e_{4,5}, e_{5,6}} \lor e_{4,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$
- $1407. \ \, \neg e_{5,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5}, \, e_{5,6}} \vdash \neg t_{\neg e_{4,5}, \, e_{5,6}} \lor \neg e_{4,5} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}$
- 1408. $\neg e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,5}, \neg e_{2,5}}$
- $1409. \ \neg e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5}, e_{5,6}} \vdash \neg t_{\neg e_{4,5}, e_{5,6}} \lor \neg e_{4,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$
- 1410. $\neg e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$
- 1411. $\neg e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$
- 1412. $\neg e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5}, e_{5,6}} \vdash \neg t_{e_{4,5}, e_{5,6}} \lor e_{4,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$
- 1413. $\neg e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5}, e_{5,6}} \vdash \neg t_{\neg e_{4,5}, e_{5,6}} \lor \neg e_{4,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$
- $1414. \ \, \neg e_{5,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}, e_{5,6} \lor t_{e_{1,5}, \, \neg e_{2,5}} \vdash t_{e_{1,5}, \, \neg e_{2,5}} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}$
- $1415. \ \, \neg e_{5,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}}, e_{5,6} \lor t_{e_{1,5},\, \neg e_{2,5}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,6},\, \neg e_{2,6}}$
- 1416. $\neg e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5}, e_{5,6}} \vdash \neg t_{e_{4,5}, e_{5,6}} \lor e_{4,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$
- 1417. $\neg e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{5,6} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,5}, e_{2,5}}$
- $1418. \ \, \neg e_{5,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5},\, e_{5,6}} \vdash \neg t_{e_{4,5},\, e_{5,6}} \lor e_{4,5} \lor t_{\neg e_{1,6},\, \neg e_{2,6}}$
- 1419. $\neg e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5}, e_{5,6}} \vdash \neg t_{\neg e_{4,5}, e_{5,6}} \lor \neg e_{4,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$
- $1420. \ \, \neg e_{5,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}}, e_{5,6} \lor t_{e_{1,5},\, e_{2,5}} \vdash t_{\neg e_{1,6},\, \neg e_{2,6}} \lor t_{e_{1,5},\, e_{2,5}}$
- 1421. $\neg e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}}$
- $1422. \ \, \neg e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}} \vdash e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{4,6}, e_{5,6}}$

$$1423. \ \, \neg e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \vdash \neg t_{\neg e_{4,6}, e_{5,6}} \lor \neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1424.
$$\neg e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1425. \ \, \neg e_{5,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, \, e_{5,6}} \vdash \neg t_{\neg e_{4,6}, \, e_{5,6}} \lor \neg e_{4,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}$$

1426.
$$\neg e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1427.
$$\neg e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1428.
$$\neg e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}} \vdash e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{4,6}, e_{5,6}}$$

$$1429. \ \, \neg e_{5,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, \, e_{5,6}} \vdash \neg t_{\neg e_{4,6}, \, e_{5,6}} \lor \neg e_{4,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}$$

$$1430. \ \, \neg e_{5,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}}, e_{5,6} \lor t_{e_{1,6},\, \neg e_{2,6}} \vdash t_{e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{1,6},\, \neg e_{2,6}}$$

1431.
$$\neg e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1432. \ \, \neg e_{5,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, \, e_{5,6}} \vdash e_{4,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{e_{4,6}, \, e_{5,6}}$$

1433.
$$\neg e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1434. \ \, \neg e_{5,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, \, e_{5,6}} \vdash e_{4,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{e_{4,6}, \, e_{5,6}}$$

$$1435. \ \, \neg e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \vdash \neg t_{\neg e_{4,6}, e_{5,6}} \lor \neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1436.
$$\neg e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1437. \ e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}}, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \vdash t_{\neg e_{4,6}, e_{5,6}} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \lor \neg e_{3,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \lor \neg$$

$$1438. \ e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}}, \neg e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{4,6}, e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6$$

$$1439. \ e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}}, \neg e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{4,6}, e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1440. \ e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}}, e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5}, \neg e_{3,6}} \vdash e_{3,5} \lor t_{\neg e_{4,6}, e_{5,6}} \lor \neg t_{e_{3,5}, \neg e_{3,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{3,6} \lor t_{\neg e_{3,6}, \neg e_{3,6}} \lor t_{\neg e_{3,6}} \lor t_{\neg e_{3,6}, \neg e_{3,6}} \lor t_{\neg e_{3,6}, \neg e_{3,6}} \lor t_{$$

$$1441. \ e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}}, \neg e_{3,6} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{4,6}, e_{5,6}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1442. \ e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}}, e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5}, \neg e_{3,6}} \vdash e_{3,5} \lor t_{\neg e_{4,6}, e_{5,6}} \lor \neg t_{e_{3,5}, \neg e_{3,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{3,6} \lor t_{\neg e_{3,6}, \neg e_{3,6}} \lor t_{\neg e_{3,6}} \lor t_{\neg e_{3,6}, \neg e_{3,6}} \lor t_{\neg e_{3,6}, \neg e_{3,6}} \lor t_{$$

$$1443. \ e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}}, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \vdash t_{\neg e_{4,6}, e_{5,6}} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \lor \neg e_{3,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{3,5} \lor \neg e_{3,5} \lor \neg e_{3,6} \lor \neg e_{3,6$$

$$1444. \ \ e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}}, \neg e_{3,6} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{4,6}, e_{5,6}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1445. \ e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}}, \neg e_{3,6} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{4,6}, e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1446. \ \ e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}}, e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5}, \neg e_{3,6}} \vdash e_{3,5} \lor t_{\neg e_{4,6}, e_{5,6}} \lor \neg t_{e_{3,5}, \neg e_{3,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1447. \ e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}}, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \vdash t_{\neg e_{4,6}, e_{5,6}} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \lor \neg e_{3,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{3,5} \lor \neg e_{3,6} \lor \neg e_{$$

$$1448. \ e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}}, \neg e_{3,6} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{4,6}, e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1449. \ e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}}, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \vdash t_{\neg e_{4,6}, e_{5,6}} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \lor \neg e_{3,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{3,5} \lor \neg e_{3,6} \lor \neg e_{$$

- $1450. \ e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}}, \neg e_{3,6} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{\neg e_{4,6}, e_{5,6}} \lor t_{e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$
- $1451. \ e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}}, \neg e_{3,6} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{\neg e_{4,6}, e_{5,6}} \lor t_{e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$
- $1452. \ e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}}, e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5}, \neg e_{3,6}} \vdash e_{3,5} \lor t_{\neg e_{4,6}, e_{5,6}} \lor \neg t_{e_{3,5}, \neg e_{3,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{3,6} \lor e_{3,6}$
- $1453. \ e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}}, \neg e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \vdash t_{\neg e_{4,6}, e_{5,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,$
- $1454. \ e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}}, \neg e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, e_{5,6}} \vdash t_{e_{4,6}, e_{5,6}} \lor t_{\neg e_{4,6}, e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_$
- $1455. \ e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}}, \neg e_{3,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6$
- $1456. \ \ e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}}, \neg e_{3,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor$
- $1457. \ e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}}, \neg e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}} \vdash t_{\neg e_{4,6}, e_{5,6}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor$
- $1458. \ \ e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}}, \neg e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \vdash t_{\neg e_{4,6}, e_{5,6}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$
- $1459. \ \ e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}}, \neg e_{3,6} \lor t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \vdash t_{\neg e_{4,6}, e_{5,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor$
- $1460. \ \ e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}}, \neg e_{3,6} \lor t_{e_{1,6}, e_{2,6}} \lor t_{e_{4,6}, e_{5,6}} \vdash t_{e_{4,6}, e_{5,6}} \lor t_{\neg e_{4,6}, e_{5,6}} \lor t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{$
- $1461. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,5} \lor e_{1,6} \lor \neg t_{e_{1,5}, e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, e_{1,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor$
- $1462. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{e_{1,2}, \, e_{1,3}} \vdash t_{e_{1,2}, \, e_{1,3}} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor \neg e_{2,6}$
- $1463. \ \, \neg e_{1,6} \vee \neg e_{2,6} \vee \neg t_{\neg e_{1,6}, \, \neg e_{2,6}}, e_{1,6} \vee t_{e_{1,2}, \, e_{1,3}} \vdash t_{e_{1,2}, \, e_{1,3}} \vee \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \vee \neg e_{2,6} \vee \neg e_$
- $1464. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,5} \lor e_{1,6} \lor \neg t_{\neg e_{1,5}, e_{1,6}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e_$
- $1465. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}}$
- $1466. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,5} \lor e_{1,6} \lor \neg t_{\neg e_{1,5}, e_{1,6}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e_$
- $1467. \ \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,5} \lor e_{1,6} \lor \neg t_{e_{1,5}, e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, e_{1,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6}$
- $1468. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}}$
- $1469. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6}$
- $1470. \ \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,5} \lor e_{1,6} \lor \neg t_{\neg e_{1,5}, e_{1,6}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6}$
- $1471. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,5} \lor e_{1,6} \lor \neg t_{e_{1,5}, e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, e_{1,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor$
- $1472. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,2}, \, e_{1,3}} \vdash t_{\neg e_{1,2}, \, e_{1,3}} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor \neg e_{2,6}$
- $1473. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,5} \lor e_{1,6} \lor \neg t_{e_{1,5}, e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, e_{1,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor$
- $1474. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg e_{2,6}$
- $1475. \ \, \neg e_{1,6} \vee \neg e_{2,6} \vee \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,6} \vee t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vee t_{\neg e_{1,2}, \neg e_{1,3}} \vee \neg e_{2,6}$
- $1476. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,5} \lor e_{1,6} \lor \neg t_{\neg e_{1,5}, e_{1,6}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, e_{1,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e_$

$$1477. \ \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$1478. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, \, e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{e_{2,5}, \, e_{2,6}} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor e_{2,5}$$

$$1479. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor \neg e_{2,6} \lor \neg e_$$

$$1480. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$1481. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor \neg e_{2,6} \lor \neg e_$$

$$1482. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$1483. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$1484. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{e_{2,5}, e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor e_{2,5}$$

$$1485. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor \neg e_{2,6} \lor \neg e_$$

$$1486. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{$$

$$1487. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,6} \lor t_{e_{1,2}, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1488. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{e_{2,5}, e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor e_{2,5}$$

$$1489. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg e_{1,6} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1490. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{e_{2,5}, e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor e_{2,5}$$

$$1491. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor \neg e_{2,6} \lor \neg e_$$

$$1492. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg e_{1,6} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor$$

1493.
$$\neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg e_{1,6} \lor e_{4,6} \lor \neg e_{2,6}$$

1494.
$$\neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash e_{5,6} \lor \neg e_{1,6} \lor \neg e_{2,6}$$

$$1495. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \vdash \neg e_{3,6} \lor \neg e_{1,6} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg e_{2,6}$$

$$1496. \ \, \neg e_{1,6} \vee \neg e_{2,6} \vee \neg t_{\neg e_{1,6},\, \neg e_{2,6}}, \neg e_{4,6} \vee t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash \neg e_{1,6} \vee \neg e_{4,6} \vee \neg e_{2,6}$$

$$1497. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg e_{5,6} \lor \neg e_{2,6}$$

$$1498. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, e_{5,6}} \vdash \neg e_{3,6} \lor \neg e_{1,6} \lor t_{e_{4,6}, e_{5,6}} \lor \neg e_{2,6}$$

$$1499. \ \, \neg e_{1,6} \vee \neg e_{2,6} \vee \neg t_{\neg e_{1,6}, \, \neg e_{2,6}}, e_{4,6} \vee t_{\neg e_{1,6}, \, \neg e_{2,6}} \vdash \neg e_{1,6} \vee e_{4,6} \vee \neg e_{2,6}$$

$$1500. \ \, \neg e_{1,6} \vee \neg e_{2,6} \vee \neg t_{\neg e_{1,6}, \, \neg e_{2,6}}, \neg e_{5,6} \vee t_{\neg e_{1,6}, \, \neg e_{2,6}} \vdash \neg e_{1,6} \vee \neg e_{5,6} \vee \neg e_{2,6}$$

$$1501. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}} \vdash \neg e_{1,6} \lor t_{\neg e_{4,6}, e_{5,6}} \lor e_{3,6} \lor \neg e_{2,6}$$

$$1502. \ \, \neg e_{1,6} \vee \neg e_{2,6} \vee \neg t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \vee t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg e_{1,6} \vee \neg e_{4,6} \vee \neg e_{2,6}$$

1503.
$$\neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash e_{5,6} \lor \neg e_{1,6} \lor \neg e_{2,6}$$

$$1504. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \vdash \neg e_{1,6} \lor t_{e_{4,6}, \neg e_{5,6}} \lor e_{3,6} \lor \neg e_{2,6} \lor$$

$$1505. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \lor \neg$$

$$1506. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e_{2,6$$

$$1507. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \lor \neg$$

$$1508. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e_{2,6$$

$$1509. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \lor \neg$$

$$1510. \ \, \neg e_{1,6} \vee \neg e_{2,6} \vee \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,6} \vee t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \vee \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vee \neg e_{2,6} \vee \neg e_{2,6$$

$$1511. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \lor \neg$$

$$1512. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$1513. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e_$$

$$1514. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg$$

$$1515. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{2,6}} \lor \neg t_$$

$$1516. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg$$

$$1517. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{2,6}} \lor \neg t_$$

$$1518. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor e_{2$$

$$1519. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{2,6}} \lor \neg t_$$

$$1520. \ \, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg$$

1521.
$$e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1522. \ e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,5} \lor \neg e_{1,6} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1523. \ e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,5} \lor \neg e_{1,6} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1524.
$$e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1525. \ e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,5} \lor \neg e_{1,6} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1526.
$$e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

1527.
$$e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$1528. \ \ e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,5} \lor \neg e_{1,6} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1529. \ e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,5} \lor \neg e_{1,6} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1530.
$$e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1531.
$$e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1532. \ e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,5} \lor \neg e_{1,6} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1533.
$$e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$1534. \ e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,5} \lor \neg e_{1,6} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1535. \ e_{1,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}, e_{1,5} \lor \neg e_{1,6} \lor \neg t_{e_{1,5}, \, \neg e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \, \neg e_{1,6}} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}$$

1536.
$$e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$1537. \ e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1538.
$$e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1539. \ e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \lor \neg e_{2,6}$$

$$1540. \ \ e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \lor \neg e_{2,6$$

1541.
$$e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

$$1542. \ e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

1543.
$$e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

1544.
$$e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

$$1545. \ e_{1,6} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}}, \lnot e_{1,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}}$$

$$1546. \ e_{1,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6}, \, \neg e_{2,6}} \vdash t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}$$

$$1547. \ e_{1,6} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}}, \lnot e_{1,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}}$$

$$1548. \ e_{1,6} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}}, \lnot e_{1,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}}$$

$$1549. \ e_{1,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6}, \, e_{2,6}} \vdash t_{e_{1,6}, \, e_{2,6}} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}$$

1550.
$$e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1551.
$$e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1552.
$$e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1553. \ e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1554.
$$e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1555.
$$e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1556. \ e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

1557.
$$e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1558. \ e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1559. \ \ e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1560.
$$e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1561.
$$e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1562.
$$e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

1563.
$$e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1564.
$$e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1565. \ \ e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e_{$$

1566.
$$e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}$$

1567.
$$e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}$$

$$1568. \ e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$1569. \ e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg$$

1570.
$$e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1571.
$$e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1572. \ e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg$$

1573.
$$e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1574.
$$e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1575.
$$e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1576.
$$e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1577.
$$e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1578.
$$e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1579. \ e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1580.
$$e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1581. \ \ e_{2,6} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}}, \lnot e_{2,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}}$$

$$1582. \ e_{2,6} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}}, \lnot e_{2,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}}$$

1583.
$$e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1584.
$$e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1585. \ \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{4,5} \lor \neg e_{4,5} \lor \neg t_{\neg e_{4,5}, \neg e_{4,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,5}, \neg e_{4,6}} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor \neg e_{4,5} \lor \neg e_{$$

$$1586. \ \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, \lnot e_{4,6} \lor t_{\lnot e_{1,4}, \lnot e_{2,4}} \vdash \lnot t_{e_{4,6}, \lnot e_{5,6}} \lor \lnot e_{5,6} \lor t_{\lnot e_{1,4}, \lnot e_{2,4}}$$

$$1587. \ \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, \lnot e_{4,6} \lor t_{\lnot e_{1,4}, \lnot e_{2,4}} \vdash \lnot t_{e_{4,6}, \lnot e_{5,6}} \lor \lnot e_{5,6} \lor t_{\lnot e_{1,4}, \lnot e_{2,4}}$$

$$1588. \ \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{4,5} \lor \neg e_{4,6} \lor \neg t_{e_{4,5}, \neg e_{4,6}} \vdash \neg e_{5,6} \lor e_{4,5} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor \neg t_{e_{4,5}, \neg e_{4,6}} \lor \neg t_{e_{4,6}, \neg e_{4,6}}$$

$$1589. \ \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6}}, \lnot e_{5,6}, \lnot e_{4,6} \lor t_{\lnot e_{1,4}, \, e_{2,4}} \vdash \lnot e_{5,6} \lor t_{\lnot e_{1,4}, \, e_{2,4}} \lor \lnot t_{e_{4,6}, \, \lnot e_{5,6}}$$

$$1590. \ \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{4,5} \lor \neg e_{4,6} \lor \neg t_{e_{4,5}, \neg e_{4,6}} \vdash \neg e_{5,6} \lor e_{4,5} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor \neg t_{e_{4,5}, \neg e_{4,6}} \lor \neg t_{e_{4,6}, \neg e_{4,6}}$$

$$1591. \ \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{4,5} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,5}, \neg e_{4,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,5}, \neg e_{4,6}} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor \neg e_{4,5}$$

$$1592. \ \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, \lnot e_{4,6} \lor t_{\lnot e_{1,4}, e_{2,4}} \vdash \lnot e_{5,6} \lor t_{\lnot e_{1,4}, e_{2,4}} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}$$

$$1593. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}}, \neg e_{5,6}, \neg e_{4,6} \lor t_{e_{1,4}}, \neg e_{2,4} \vdash \neg e_{5,6} \lor t_{e_{1,4}}, \neg e_{2,4} \lor \neg t_{e_{4,6}}, \neg e_{5,6} \lor t_{e_{1,4}}, \neg e_{2,4} \lor \neg t_{e_{4,6}}, \neg e_{5,6} \lor t_{e_{1,4}}, \neg e_{2,4} \lor \neg t_{e_{4,6}}, \neg e_{5,6} \lor t_{e_{1,4}}, \neg e_{2,4} \lor \neg t_{e_{4,6}}, \neg e_{5,6} \lor t_{e_{1,4}}, \neg e_{2,4} \lor \neg t_{e_{4,6}}, \neg e_{5,6} \lor t_{e_{1,4}}, \neg e_{2,4} \lor \neg t_{e_{4,6}}, \neg e_{5,6} \lor t_{e_{1,4}}, \neg e_{2,4} \lor \neg t_{e_{4,6}}, \neg e_{5,6} \lor t_{e_{1,4}}, \neg e_{2,4} \lor \neg t_{e_{4,6}}, \neg e_{5,6} \lor t_{e_{1,4}}, \neg e_{2,4} \lor \neg t_{e_{4,6}}, \neg e_{5,6} \lor t_{e_{1,4}}, \neg e_{2,4} \lor \neg t_{e_{4,6}}, \neg e_{5,6} \lor t_{e_{1,4}}, \neg e_{2,4} \lor \neg t_{e_{4,6}}, \neg e_{5,6} \lor t_{e_{1,4}}, \neg e_{2,4} \lor \neg t_{e_{4,6}}, \neg e_{5,6} \lor t_{e_{1,4}}, \neg e_{2,4} \lor \neg t_{e_{4,6}}, \neg e_{5,6} \lor t_{e_{1,4}}, \neg e_{2,4} \lor \neg t_{e_{4,6}}, \neg e_{5,6} \lor t_{e_{1,4}}, \neg e_{2,4} \lor \neg t_{e_{4,6}}, \neg e_{5,6} \lor t_{e_{4,6$$

$$1594. \ \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, e_{4,5} \lor \lnot e_{4,6} \lor \lnot t_{e_{4,5}, \lnot e_{4,6}} \vdash \lnot e_{5,6} \lor e_{4,5} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}} \lor \lnot t_{e_{4,5}, \lnot e_{4,6}} \lor \lnot t_{e_{4,6}, \lnot e_{4,6}} \lor t_{e_{4,6}, \lnot e_$$

$$1595. \ \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{4,5} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,5}, \neg e_{4,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,5}, \neg e_{4,6}} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor \neg e_{4,5} \lor \neg e_{$$

$$1596. \ \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \, \neg e_{5,6}}, \neg e_{4,6} \lor t_{e_{1,4}, \, \neg e_{2,4}} \vdash \neg e_{5,6} \lor t_{e_{1,4}, \, \neg e_{2,4}} \lor \neg t_{e_{4,6}, \, \neg e_{5,6}}$$

$$1597. \ \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{4,5} \lor \neg e_{4,5} \lor \neg t_{\neg e_{4,5}, \neg e_{4,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,5}, \neg e_{4,6}} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor \neg e_{4,5}$$

1598.
$$e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \vdash \neg e_{5,6} \lor t_{e_{1,4}, e_{2,4}} \lor \neg t_{e_{4,6}, \neg e_{5,6}}$$

$$1599. \ \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \, \neg e_{5,6}}, \neg e_{4,6} \lor t_{e_{1,4}, \, e_{2,4}} \vdash \neg e_{5,6} \lor t_{e_{1,4}, \, e_{2,4}} \lor \neg t_{e_{4,6}, \, \neg e_{5,6}}$$

$$1600. \ \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, e_{4,5} \lor \lnot e_{4,6} \lor \lnot t_{e_{4,5}, \lnot e_{4,6}} \vdash \lnot e_{5,6} \lor e_{4,5} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}} \lor \lnot t_{e_{4,5}, \lnot e_{4,6}} \lor \lnot t_{e_{4,6}, \lnot e_{4,6}} \lor \lnot t_{e_{4,6}, \lnot e_{4,6}} \lor t_{e_{4,6}, \lnot e_{4,6$$

1601.
$$e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash e_{4,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor \neg t_{e_{4,6}, \neg e_{5,6}}$$

$$1602. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5}, e_{5,6}} \vdash e_{4,6} \lor e_{4,5} \lor \neg t_{e_{4,5}, e_{5,6}} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor \neg t_{e_{$$

$$1603. \ \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6},\lnot e_{5,6}}, \lnot e_{4,5} \lor e_{5,6} \lor \lnot t_{\lnot e_{4,5}, e_{5,6}} \vdash \lnot t_{\lnot e_{4,5}, e_{5,6}} \lor e_{4,6} \lor \lnot t_{e_{4,6},\lnot e_{5,6}} \lor \lnot e_{4,5} \lor \lnot e_{4,5}, e_{5,6} \lor \lnot e_{4,6}, \lnot e_{5,6} \lor \lnot e_{5,6}, e_{5,6}, e_{5,6} \lor \lnot e_{5,6}, e_{5,6}, e_{5,6} \lor \lnot e_{5,6}, e_{5,6} \lor \lnot e_{5,6}, e_{5,6} \lor \lnot e_{5,6}, e_{5,6}, e_{5,6} \lor \lnot e_{5,6}, e$$

$$1604. \ \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash e_{4,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor \neg t_{e_{4,6}, \neg e_{5,6}}$$

$$1605. \ \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5}, e_{5,6}} \vdash \neg t_{\neg e_{4,5}, e_{5,6}} \lor e_{4,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor \neg e_{4,5}$$

$$1606. \ \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash e_{4,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,5}, e_{2,5}}$$

$$1607. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash e_{4,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,5}, e_{2,5}}$$

$$1608. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}}, \neg e_{5,6}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5}, e_{5,6}} \vdash e_{4,6} \lor e_{4,5} \lor \neg t_{e_{4,5}, e_{5,6}} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor \neg t_{e_{$$

$$1609. \ \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5}, e_{5,6}} \vdash \neg t_{\neg e_{4,5}, e_{5,6}} \lor e_{4,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor \neg e_{4,5}$$

1610.
$$e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}}, \neg e_{5,6}, e_{5,6} \lor t_{e_{1,5}}, \neg e_{2,5} \vdash t_{e_{1,5}}, \neg e_{2,5} \lor e_{4,6} \lor \neg t_{e_{4,6}}, \neg e_{5,6}$$

$$1611. \ \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, e_{5,6} \lor t_{e_{1,5}, \lnot e_{2,5}} \vdash t_{e_{1,5}, \lnot e_{2,5}} \lor e_{4,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}$$

$$1612. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5}, e_{5,6}} \vdash e_{4,6} \lor e_{4,5} \lor \neg t_{e_{4,5}, e_{5,6}} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor \neg t_{e_{$$

$$1613. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{e_{1,5}, e_{2,5}} \vdash e_{4,6} \lor t_{e_{1,5}, e_{2,5}} \lor \neg t_{e_{4,6}, \neg e_{5,6}}$$

$$1614. \ \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5}, e_{5,6}} \vdash e_{4,6} \lor e_{4,5} \lor \neg t_{e_{4,5}, e_{5,6}} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor \neg t_{e$$

$$1615. \ \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6},\lnot e_{5,6}}, \lnot e_{4,5} \lor e_{5,6} \lor \lnot t_{\lnot e_{4,5}, e_{5,6}} \vdash \lnot t_{\lnot e_{4,5}, e_{5,6}} \lor e_{4,6} \lor \lnot t_{e_{4,6},\lnot e_{5,6}} \lor \lnot e_{4,5} \lor \lnot e_{4,5}, e_{5,6} \lor \lnot e_{4,6}, e_{5,6} \lor e$$

1616.
$$e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{e_{1,5}, e_{2,5}} \vdash e_{4,6} \lor t_{e_{1,5}, e_{2,5}} \lor \neg t_{e_{4,6}, \neg e_{5,6}}$$

$$1617. \ \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \vdash \neg t_{e_{4,6}, \neg e_{5,6}} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg t_{\neg e_$$

$$1618. \ \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash e_{4,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1619. \ \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}} \vdash e_{4,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor \neg t_{e_{4,6}, e_{5,6}} \lor \neg t_$$

$$1620. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1621. \ \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \, \neg e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}} \vdash \neg e_{5,6} \lor \neg t_{e_{4,6}, \, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}$$

$$1622. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash e_{4,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1623. \ \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, e_{3,6} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}} \lor t_{e_{4,6}, \lnot e_{5,6}} \vdash \lnot e_{5,6} \lor e_{4,6} \lor e_{3,6} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}}$$

$$1624. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{4,6}, \neg e_{5,6}}$$

1625.
$$e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{4,6}, \neg e_{5,6}}$$

$$1626. \ \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, \lnot e_{3,6} \lor t_{\lnot e_{1,6}, e_{2,6}} \lor t_{e_{4,6}, \lnot e_{5,6}} \vdash \lnot e_{3,6} \lor \lnot e_{5,6} \lor e_{4,6} \lor t_{\lnot e_{1,6}, e_{2,6}}$$

$$1627. \ \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \vdash \neg t_{e_{4,6}, \neg e_{5,6}} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg t_{\neg e_$$

1628.
$$e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{4,6}, \neg e_{5,6}}$$

$$1629. \ \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, e_{4,6} \lor e_{5,6} \lor \lnot t_{e_{4,6}, e_{5,6}} \vdash e_{4,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}} \lor \lnot t_{e_{4,6}, e_{5,6}} \lor t_{e_{4,6}, e_{5,6}} \lor t_{e_{4,6}, e_{5,6}} \lor \lnot t_{e_{4,6}, e_{5,6}} \lor \lnot t_{e_{4,6}, e_{5,6}} \lor t_{e_{4,6}, e_{5,6}} \lor t_{e_{4,6}$$

$$1630. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \, \neg e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6}, \, e_{2,6}} \vdash \neg e_{5,6} \lor t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg t_{e_{4,6}, \, \neg e_{5,6}}$$

1631.
$$e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash \neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{4,6}, \neg e_{5,6}}$$

1632.
$$e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{4,6}, \neg e_{5,6}}$$

$$1633. \ \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, \lnot e_{3,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{e_{4,6}, \lnot e_{5,6}} \vdash \lnot e_{3,6} \lor \lnot e_{5,6} \lor e_{4,6} \lor t_{e_{1,6}, \lnot e_{2,6}}$$

$$1634. \ \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, \lnot e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{\lnot e_{4,6}, \lnot e_{5,6}} \vdash \lnot t_{e_{4,6}, \lnot e_{5,6}} \lor \lnot e_{5,6} \lor \lnot t_{\lnot e_{4,6}, \lnot e_{5,6}} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}} \lor \lnot t_{\lnot e_{4$$

1635.
$$e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}}, \neg e_{5,6}, e_{5,6} \lor t_{e_{1,6}}, \neg e_{2,6} \vdash e_{4,6} \lor t_{e_{1,6}}, \neg e_{2,6} \lor \neg t_{e_{4,6}}, \neg e_{5,6}$$

$$1636. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}} \vdash e_{4,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor \neg t_{e_{4,6}, e_{5,6}} \lor \neg t_{e$$

$$1637. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash \neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg e_$$

$$1638. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \vdash \neg t_{e_{4,6}, \neg e_{5,6}} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg t_{\neg e_{4$$

$$1639. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \vdash e_{4,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor t_{e_{1,6}, e_{2,6}}$$

$$1640. \ \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, e_{4,6} \lor e_{5,6} \lor \lnot t_{e_{4,6}, e_{5,6}} \vdash e_{4,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}} \lor \lnot t_{e_{4,6}, e_{5,6}} \lor t_{e_{4,6}, e_{5,6}} \lor t_{e_{4,6}, e_{5,6}} \lor \lnot t_{e_{4,6}, e_{5,6}} \lor \lnot t_{e_{4,6}, e_{5,6}} \lor t_{e_{4,6}, e_{5,6}} \lor t_{e_{4,6}$$

1641.
$$e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}}, \neg e_{5,6}, \neg e_{4,6} \lor t_{e_{1,6}}, e_{2,6} \vdash \neg e_{5,6} \lor \neg t_{e_{4,6}}, \neg e_{5,6} \lor t_{e_{1,6}}, e_{2,6}$$

$$1642. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \vdash \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor t_{e_{1,6}, e_{2,6}}$$

$$1643. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \, \neg e_{5,6}}, e_{5,6} \lor t_{e_{1,6}, \, e_{2,6}} \vdash e_{4,6} \lor \neg t_{e_{4,6}, \, \neg e_{5,6}} \lor t_{e_{1,6}, \, e_{2,6}}$$

$$1644. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{3,6} \lor t_{e_{1,6}, e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \vdash \neg e_{5,6} \lor e_{4,6} \lor e_{3,6} \lor t_{e_{1,6}, e_{2,6}}$$

1645.
$$\neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \vdash t_{\neg e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1646.
$$\neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5}, e_{4,6}} \vdash e_{4,5} \lor \neg t_{e_{4,5}, e_{4,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1647. \ \, \neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5}, e_{4,6}} \vdash \neg t_{\neg e_{4,5}, e_{4,6}} \lor \neg e_{4,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1648.
$$\neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \vdash t_{\neg e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1649.
$$\neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5}, e_{4,6}} \vdash \neg t_{\neg e_{4,5}, e_{4,6}} \lor \neg e_{4,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1650. \ \, \neg e_{4,6} \vee t_{\neg e_{1,6}, \, \neg e_{2,6}}, e_{4,6} \vee t_{\neg e_{1,4}, \, e_{2,4}} \vdash t_{\neg e_{1,4}, \, e_{2,4}} \vee t_{\neg e_{1,6}, \, \neg e_{2,6}}$$

$$1651. \ \, \neg e_{4,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,4},\, e_{2,4}} \vdash t_{\neg e_{1,4},\, e_{2,4}} \lor t_{\neg e_{1,6},\, \neg e_{2,6}}$$

$$1652. \ \, \neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5}, e_{4,6}} \vdash e_{4,5} \lor \neg t_{e_{4,5}, e_{4,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1653. \ \, \neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5}, \, e_{4,6}} \vdash \neg t_{\neg e_{4,5}, \, e_{4,6}} \lor \neg e_{4,5} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}$$

1654.
$$\neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor t_{e_{1,4}, \neg e_{2,4}} \vdash t_{e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1655.
$$\neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor t_{e_{1,4}, \neg e_{2,4}} \vdash t_{e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1656.
$$\neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5}, e_{4,6}} \vdash e_{4,5} \lor \neg t_{e_{4,5}, e_{4,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1657. \ \, \neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \vdash t_{e_{1,4}, e_{2,4}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1658.
$$\neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5}, e_{4,6}} \vdash e_{4,5} \lor \neg t_{e_{4,5}, e_{4,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1659. \ \, \neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5}, \, e_{4,6}} \vdash \neg t_{\neg e_{4,5}, \, e_{4,6}} \lor \neg e_{4,5} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}$$

$$1660. \ \, \neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \vdash t_{e_{1,4}, e_{2,4}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1661.
$$\neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}}$$

1662.
$$\neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}} \vdash e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{4,6}, e_{5,6}}$$

1663.
$$\neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1664. \ \, \neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \vdash \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1665.
$$\neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1666. \ \, \neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \vdash \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1667.
$$\neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1668.
$$\neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}} \vdash e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{4,6}, e_{5,6}}$$

$$1669. \ \, \neg e_{4,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}, e_{4,6} \lor t_{e_{1,6}, \, \neg e_{2,6}} \vdash t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}$$

$$1670. \ \, \neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \vdash \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1671.
$$\neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1672. \ \, \neg e_{4,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, \, e_{5,6}} \vdash e_{5,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{e_{4,6}, \, e_{5,6}}$$

$$1673. \ \, \neg e_{4,6} \vee t_{\neg e_{1,6},\, \neg e_{2,6}}, e_{4,6} \vee t_{e_{1,6},\, e_{2,6}} \vdash t_{e_{1,6},\, e_{2,6}} \vee t_{\neg e_{1,6},\, \neg e_{2,6}}$$

$$1674. \ \, \neg e_{4,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, \, e_{5,6}} \vdash e_{5,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{e_{4,6}, \, e_{5,6}}$$

1675.
$$\neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1676.
$$\neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \vdash \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1677. \ e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,5} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,5}, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,5}, \neg e_{5,6}} \lor \neg e_{4,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,5} \lor t_{\neg e$$

1678.
$$e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,5}, \neg e_{2,5}}$$

1679.
$$e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,5}, \neg e_{2,5}}$$

$$1680. \ e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}} \vdash \neg t_{e_{4,5}, \neg e_{5,6}} \lor e_{4,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1681.
$$e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,5}, e_{2,5}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1682. \ e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}} \vdash \neg t_{e_{4,5}, \neg e_{5,6}} \lor e_{4,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1683. \ e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,5} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,5}, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,5}, \neg e_{5,6}} \lor \neg e_{4,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1684. \ e_{5,6} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}}, \lnot e_{5,6} \lor t_{\lnot e_{1,5}, \, e_{2,5}} \vdash t_{\lnot e_{1,5}, \, e_{2,5}} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}}$$

$$1685. \ e_{5,6} \lor t_{\lnot e_{1,6},\,\lnot e_{2,6}}, \lnot e_{5,6} \lor t_{e_{1,5},\,\lnot e_{2,5}} \vdash t_{e_{1,5},\,\lnot e_{2,5}} \lor t_{\lnot e_{1,6},\,\lnot e_{2,6}}$$

$$1686. \ e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}} \vdash \neg t_{e_{4,5}, \neg e_{5,6}} \lor e_{4,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1687. \ e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,5} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,5}, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,5}, \neg e_{5,6}} \lor \neg e_{4,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1688. \ e_{5,6} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}}, \lnot e_{5,6} \lor t_{e_{1,5}, \lnot e_{2,5}} \vdash t_{e_{1,5}, \lnot e_{2,5}} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}}$$

1689.
$$e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,5} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,5}, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,5}, \neg e_{5,6}} \lor \neg e_{4,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1690. \ e_{5,6} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}}, \lnot e_{5,6} \lor t_{e_{1,5}, \, e_{2,5}} \vdash t_{\lnot e_{1,6}, \, \lnot e_{2,6}} \lor t_{e_{1,5}, \, e_{2,5}}$$

$$1691. \ \ e_{5,6} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}}, \lnot e_{5,6} \lor t_{e_{1,5}, \, e_{2,5}} \vdash t_{\lnot e_{1,6}, \, \lnot e_{2,6}} \lor t_{e_{1,5}, \, e_{2,5}}$$

$$1692. \ e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}} \vdash \neg t_{e_{4,5}, \neg e_{5,6}} \lor e_{4,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1693. \ e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \vdash \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1694.
$$e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}}$$

1695.
$$e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1696. \ \ e_{5,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \, \neg e_{5,6}} \vdash e_{4,6} \lor \neg t_{e_{4,6}, \, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}$$

1697.
$$e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1698. \ e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \vdash e_{4,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1699. \ e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \vdash \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1700. \ e_{5,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,6},\, \neg e_{2,6}}$$

1701.
$$e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1702. \ e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \vdash e_{4,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1703. \ e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \vdash \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg$$

$$1704. \ e_{5,6} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}}, \lnot e_{5,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}}$$

$$1705. \ e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \vdash \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1706.
$$e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1707. \ e_{5,6} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}}, \lnot e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}}$$

$$1708. \ \ e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \vdash e_{4,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1709. \ \ e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}}, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \vdash \neg t_{\neg e_{3,5}, \neg e_{3,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \lor \neg e_{3,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{3,5} \lor \neg e_{3,6} \lor \neg e$$

$$1710. \ e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}}, \neg e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1711. \ e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}}, \neg e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}, \neg e_{4,6}, \neg e_{4,6},$$

$$1712. \ e_{3,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{4,6}, \, \neg e_{5,6}}, e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5}, \, \neg e_{3,6}} \vdash e_{3,5} \lor t_{e_{4,6}, \, \neg e_{5,6}} \lor \neg t_{e_{3,5}, \, \neg e_{3,6}} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}$$

1713.
$$e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}}, \neg e_{3,6} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1714. \ \ e_{3,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{4,6}, \, \neg e_{5,6}}, e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5}, \, \neg e_{3,6}} \vdash e_{3,5} \lor t_{e_{4,6}, \, \neg e_{5,6}} \lor \neg t_{e_{3,5}, \, \neg e_{3,6}} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{e_{3,5}, \, \neg e_{3,6}} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{e_{3,5}, \, \neg e_{3,6}} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{e_{3,5}, \, \neg e_{3,6}} \lor t_{\neg e_{3,6}, \, \neg e_{3,6}$$

$$1715. \ e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}}, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \vdash \neg t_{\neg e_{3,5}, \neg e_{3,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \lor \neg e_{3,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{3,5} \lor \neg e_{3,5} \lor \neg e_{3,6} \lor \neg e_{3,6$$

$$1716. \ \ e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}}, \neg e_{3,6} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}$$

1717.
$$e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}}, \neg e_{3,6} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1718. \ e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}}, e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5}, \neg e_{3,6}} \vdash e_{3,5} \lor t_{e_{4,6}, \neg e_{5,6}} \lor \neg t_{e_{3,5}, \neg e_{3,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{3,5}, \neg e_{3,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{3,5}, \neg e_{3,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{3,5}, \neg e_{3,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{3,5}, \neg e_{3,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{3,5}, \neg e_{3,6}} \lor \neg t_{e_{3,5}, \neg e_{3,6}} \lor \tau_{\neg e_{3,6}, \neg e_{3,6}} \lor \tau_{\neg e_{3,6}} \lor$$

$$1719. \ e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}}, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \vdash \neg t_{\neg e_{3,5}, \neg e_{3,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \lor \neg e_{3,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{3,5} \lor \neg e_{3,6} \lor \neg e_{$$

- $1720. \ e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}}, \neg e_{3,6} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$
- $1721. \ \ e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}}, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \neg e_{3,6}} \vdash \neg t_{\neg e_{3,5}, \neg e_{3,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \lor \neg e_{3,5} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{3,5} \lor \neg e_{3$
- $1722. \ e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}}, \neg e_{3,6} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{e_{4,6}, \neg e_{5,6}} \lor t_{e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$
- $1723. \ e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}}, \neg e_{3,6} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{e_{4,6}, \neg e_{5,6}} \lor t_{e_{1,3}, e_{2,3}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$
- $1724. \ \ e_{3,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{4,6}, \, \neg e_{5,6}}, e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5}, \, \neg e_{3,6}} \vdash e_{3,5} \lor t_{e_{4,6}, \, \neg e_{5,6}} \lor \neg t_{e_{3,5}, \, \neg e_{3,6}} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{e_{3,5}, \, \neg e_{3,6}} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{e_{3,5}, \, \neg e_{3,6}} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{\neg e_{2,6}} \lor \neg t$
- $1725. \ e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}}, \neg e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{4,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{4,6}, \neg e_{$
- $1726. \ \ e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}}, \neg e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, e_{5,6}} \vdash t_{e_{4,6}, e_{5,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor$
- $1727. \ \ e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}}, \neg e_{3,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}} \lor t_{\neg e_{4$
- $1728. \ \ e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}}, \neg e_{3,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$
- $1729. \ \ e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}}, \neg e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}} \vdash t_{\neg e_{4,6}, e_{5,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor$
- $1730. \ e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}}, \neg e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \vdash t_{e_{4,6}, \neg e_{5,6}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor$
- $1731. \ e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}}, \neg e_{3,6} \lor t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \vdash t_{e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_$
- $1732. \ e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}}, \neg e_{3,6} \lor t_{e_{1,6}, e_{2,6}} \lor t_{e_{4,6}, e_{5,6}} \vdash t_{e_{4,6}, e_{5,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \lor t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,$
- $1733. \ \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, e_{1,5} \lor e_{1,6} \lor \neg t_{e_{1,5}, e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, e_{1,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$
- 1734. $\neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, e_{1,6} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$
- $1735. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{1,6} \lor t_{e_{1,2},\, e_{1,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$
- $1736. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{1,5} \lor e_{1,6} \lor \neg t_{\neg e_{1,5},\, e_{1,6}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e$
- 1737. $\neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,6}, e_{2,6}} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}}$
- $1738. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{1,5} \lor e_{1,6} \lor \neg t_{\neg e_{1,5},\, e_{1,6}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e$
- 1739. $\neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, e_{1,5} \lor e_{1,6} \lor \neg t_{e_{1,5}, e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, e_{1,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$
- 1740. $\neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,6}, e_{2,6}} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}}$
- $1741. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,2},\, e_{1,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$
- $1742. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{1,5} \lor e_{1,6} \lor \neg t_{\neg e_{1,5},\, e_{1,6}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e$
- $1743. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{1,5} \lor e_{1,6} \lor \neg t_{e_{1,5},\, e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5},\, e_{1,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,6},\,$
- 1744. $\neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$
- $1745. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{1,5} \lor e_{1,6} \lor \neg t_{e_{1,5},\, e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5},\, e_{1,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$
- $1746. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$

$$1747. \ \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,2}, \, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, \, \neg e_{1,3}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}$$

$$1748. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{1,5} \lor e_{1,6} \lor \neg t_{\neg e_{1,5},\, e_{1,6}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$1749. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,6} \lor \neg$$

$$1750. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash \neg e_{1,6} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$1751. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash \neg e_{1,6} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$1752. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \lor e_{2,5} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor e_{2,5} \lor \neg t_{\neg e_{2,6}} \lor e_{2,5} \lor e_{2,5} \lor \neg t_{\neg e_{2,6}} \lor e_{2,5} \lor e_{2,5} \lor \neg t_{\neg e_{2,6}} \lor e_{2,5} \lor e_$$

$$1753. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$1754. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \lor e_{2,5} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$1755. \ \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg e_{2,6} \lor$$

$$1756. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$1757. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash \neg e_{1,6} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$1758. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \lor e_{2,5} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor e_{2,5} \lor \neg t_{\neg e_{2,6}} \lor e_{2,5} \lor e_{2,5} \lor \neg t_{\neg e_{2,6}} \lor e_{2,5} \lor e_{2,5} \lor \neg t_{\neg e_{2,6}} \lor e_{2,5} \lor e_$$

$$1759. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{2,6} \lor$$

$$1760. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash \neg e_{1,6} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$1761. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,6} \lor \neg$$

$$1762. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2},\, e_{2,3}} \vdash \neg e_{1,6} \lor t_{e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

1763.
$$\neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg e_{1,6} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

$$1764. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \lor e_{2,5} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor e_{2,5} \lor \neg t_{\neg e_{2,6}} \lor e_{2,5} \lor e_{2,5} \lor \neg t_{\neg e_{2,6}} \lor e_{2,5} \lor e_{2,5} \lor \neg t_{\neg e_{2,6}} \lor e_{2,5} \lor e_$$

$$1765. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,$$

$$1766. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash e_{2,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$1767. \ \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_$$

$$1768. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash e_{2,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$1769. \ \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg t$$

1770.
$$\neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

$$1771. \ \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_$$

$$1772. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash e_{2,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

1773.
$$\neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{1,6} \lor e_{4,6} \lor e_{2,6}$$

1774.
$$\neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{1,6} \lor \neg e_{5,6} \lor e_{2,6}$$

$$1775. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, e_{5,6}} \vdash \neg e_{3,6} \lor \neg e_{1,6} \lor t_{\neg e_{4,6},\, e_{5,6}} \lor e_{2,6}$$

$$1776. \ \, \neg e_{1,6} \vee e_{2,6} \vee \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{4,6} \vee t_{\neg e_{1,6},\, e_{2,6}} \vdash \neg e_{1,6} \vee \neg e_{4,6} \vee e_{2,6}$$

1777.
$$\neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \vdash e_{5,6} \lor \neg e_{1,6} \lor e_{2,6}$$

$$1778. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{4,6},\, \neg e_{5,6}} \vdash \neg e_{3,6} \lor \neg e_{1,6} \lor t_{e_{4,6},\, \neg e_{5,6}} \lor e_{2,6}$$

$$1779. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \vdash \neg e_{1,6} \lor e_{4,6} \lor e_{2,6}$$

1780.
$$\neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash e_{5,6} \lor \neg e_{1,6} \lor e_{2,6}$$

$$1781. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, \neg e_{5,6}} \vdash \neg e_{1,6} \lor t_{\neg e_{4,6},\, \neg e_{5,6}} \lor e_{3,6} \lor e_{2,6} \lor e_{3,6} \lor e_{2,6} \lor e_{3,6} \lor$$

1782.
$$\neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{1,6} \lor \neg e_{4,6} \lor e_{2,6}$$

$$1783. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \vdash \neg e_{1,6} \lor \neg e_{5,6} \lor e_{2,6}$$

$$1784. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{4,6},\, e_{5,6}} \vdash \neg e_{1,6} \lor t_{e_{4,6},\, e_{5,6}} \lor e_{3,6} \lor e_{2,6} \lor e_{2,6} \lor e_{3,6} \lor e_{3,6}$$

$$1785. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\, e_{2,6}} \vdash \neg t_{e_{1,6},\, e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

1786.
$$\neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

1787.
$$\neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

$$1788. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,6},\, e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$1789. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\, e_{2,6}} \vdash \neg t_{e_{1,6},\, e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

1790.
$$\neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

$$1791. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\, e_{2,6}} \vdash \neg t_{e_{1,6},\, e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$1792. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,6},\, e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

1793.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

1794.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,5} \lor \neg e_{1,6} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}}$$

$$1795. \ e_{1,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{1,5} \lor \neg e_{1,6} \lor \neg t_{e_{1,5},\, \neg e_{1,6}} \vdash e_{1,5} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{1,5},\, \neg e_{1,6}}$$

1796.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

1797.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg e_{1,6} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \vdash e_{1,5} \lor t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}}$$

1798.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

1799.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$1800. \ e_{1,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{1,5} \lor \neg e_{1,6} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}}$$

$$1801. \ e_{1,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{1,5} \lor \neg e_{1,6} \lor \neg t_{e_{1,5},\, \neg e_{1,6}} \vdash e_{1,5} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{1,5},\, \neg e_{1,6}}$$

$$1802. \ e_{1,6} \lor t_{\lnot e_{1,6},\, e_{2,6}}, \lnot e_{1,6} \lor t_{\lnot e_{1,2},\, e_{1,3}} \vdash t_{\lnot e_{1,6},\, e_{2,6}} \lor t_{\lnot e_{1,2},\, e_{1,3}}$$

1803.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, e_{1,3}}$$

$$1804. \ e_{1,6} \lor t_{\neg e_{1,6}, \, e_{2,6}}, \neg e_{1,5} \lor \neg e_{1,6} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \vdash t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}}$$

1805.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$1806. \ \ e_{1,6} \lor t_{\neg e_{1,6}, \, e_{2,6}}, \neg e_{1,5} \lor \neg e_{1,6} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \vdash t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}}$$

$$1807. \ e_{1,6} \lor t_{\neg e_{1,6}, \, e_{2,6}}, e_{1,5} \lor \neg e_{1,6} \lor \neg t_{e_{1,5}, \, \neg e_{1,6}} \vdash e_{1,5} \lor t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg t_{e_{1,5}, \, \neg e_{1,6}}$$

1808.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$1809. \ e_{1,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e_{2,$$

$$1810. \ e_{1,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor \neg e_{2,6}$$

1811.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$1812. \ e_{1,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor \neg e_{2,6}$$

1813.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

1814.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

1815.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

1816.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

1817.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

1818.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

1819.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

1820.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

1821.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

1822.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

1823.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

1824.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

$$1825. \ \, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,6},\, e_{2,6}}$$

$$1826. \ \, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{2,5},\, e_{2,6}} \lor e_{2,5}$$

$$1827. \ \, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$$

1828.
$$\neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

$$1829. \ \, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$$

1830.
$$\neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

1831.
$$\neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

$$1832. \ \, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{2,5},\, e_{2,6}} \lor e_{2,5}$$

1833.
$$\neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}}$$

1834.
$$\neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

1835.
$$\neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

$$1836. \ \, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{2,5},\, e_{2,6}} \lor e_{2,5}$$

1837.
$$\neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}$$

$$1838. \ \, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{2,5},\, e_{2,6}} \lor e_{2,5}$$

$$1839. \ \, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$$

1840.
$$\neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}$$

1841.
$$\neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1842.
$$\neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1843.
$$\neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1844. \ \, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,6},\, \neg e_{2,6}}$$

$$1845. \ \, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash \neg e_{1,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_$$

$$1846. \ \, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash \neg e_{1,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_$$

1847.
$$\neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

1848.
$$\neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

1849.
$$\neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

1850.
$$\neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

1851.
$$\neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

1852.
$$\neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

1853.
$$\neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6}$$

1854.
$$\neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6}$$

1855.
$$\neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6}$$

$$1856. \ \, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{1,6},\, e_{2,6}} \lor e_{1,6}$$

$$1857. \ \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, \, e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,4}, \, \neg e_{2,4}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6}, \, e_{5,6}} \lor t_{\neg e_{1,4}, \, \neg e_{2,4}}$$

$$1858. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5},\, e_{4,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor e_{4,5} \lor \neg t_{e_{4,5},\, e_{4,6}} \lor \neg t_{e_{4,5},\, e_{$$

$$1859. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5},\, e_{4,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg t_{\neg e_{4,5},\, e_{4,6}} \lor \neg e_{4,5} \lor \neg e_{4,5$$

$$1860. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,4},\, \neg e_{2,4}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,4},\, \neg e_{2,4}}$$

$$1861. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5},\, e_{4,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg t_{\neg e_{4,5},\, e_{4,6}} \lor \neg e_{4,5}$$

$$1862. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,4},\, e_{2,4}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,4},\, e_{2,4}}$$

$$1863. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,4},\, e_{2,4}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,4},\, e_{2,4}}$$

$$1864. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5},\, e_{4,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor e_{4,5} \lor \neg t_{e_{4,5},\, e_{4,6}} \lor \neg t_{e_{4,5},\, e_{$$

$$1865. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5},\, e_{4,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg t_{\neg e_{4,5},\, e_{4,6}} \lor \neg e_{4,5}$$

1866.
$$\neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}}, e_{4,6} \lor t_{e_{1,4}, \neg e_{2,4}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \lor t_{e_{1,4}, \neg e_{2,4}}$$

1867.
$$\neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}}, e_{4,6} \lor t_{e_{1,4}, \neg e_{2,4}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \lor t_{e_{1,4}, \neg e_{2,4}}$$

$$1868. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5},\, e_{4,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor e_{4,5} \lor \neg t_{e_{4,5},\, e_{4,6}} \lor \neg t_{e_{4,5},\, e_{$$

$$1869. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,6} \lor t_{e_{1,4},\, e_{2,4}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{e_{1,4},\, e_{2,4}}$$

$$1870. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5},\, e_{4,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor e_{4,5} \lor \neg t_{e_{4,5},\, e_{4,6}} \lor \neg t_{e_{4,5},\, e_{$$

$$1871. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5},\, e_{4,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg t_{\neg e_{4,5},\, e_{4,6}} \lor \neg e_{4,5}$$

$$1872. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,6} \lor t_{e_{1,4},\, e_{2,4}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{e_{1,4},\, e_{2,4}}$$

$$1873. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{4,5} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,5},\, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg t_{\neg e_{4,5},\, \neg e_{5,6}} \lor \neg e_{4,6} \lor$$

$$1874. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5},\, \neg e_{2,5}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,5},\, \neg e_{2,5}} \lor \neg e_{4,6}$$

$$1875. \ \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, \, e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5}, \, \neg e_{2,5}} \vdash \neg t_{\neg e_{4,6}, \, e_{5,6}} \lor t_{\neg e_{1,5}, \, \neg e_{2,5}} \lor \neg e_{4,6}$$

$$1876. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5},\, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor e_{4,5} \lor \neg t_{e_{4,5},\, \neg e_{5,6}} \lor \neg e_{4,6}$$

$$1877. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg e_{4,6} \lor t_{\neg e_{1,5},\, e_{2,5}}$$

$$1878. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5},\, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor e_{4,5} \lor \neg t_{e_{4,5},\, \neg e_{5,6}} \lor \neg e_{4,6} \lor \neg e_{4,6$$

$$1879. \ \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{4,5} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,5},\, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg t_{\neg e_{4,5},\, \neg e_{5,6}} \lor \neg e_{4,6} \lor \neg e_{4,5}$$

$$1880. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg e_{4,6} \lor t_{\neg e_{1,5},\, e_{2,5}}$$

$$1881. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{5,6} \lor t_{e_{1,5},\, \neg e_{2,5}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg e_{4,6}$$

$$1882. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5},\, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor e_{4,5} \lor \neg t_{e_{4,5},\, \neg e_{5,6}} \lor \neg e_{4,6} \lor \neg e_{4,6}, e_{5,6} \lor \neg e_{5,6$$

$$1883. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{4,5} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,5},\, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg t_{\neg e_{4,5},\, \neg e_{5,6}} \lor \neg e_{4,6} \lor \neg e_{4,5} \lor \neg e_{4,6} \lor$$

$$1884. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{5,6} \lor t_{e_{1,5},\, \neg e_{2,5}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg e_{4,6}$$

$$1885. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{4,5} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,5},\, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg t_{\neg e_{4,5},\, \neg e_{5,6}} \lor \neg e_{4,6} \lor$$

$$1886. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{5,6} \lor t_{e_{1,5},\, e_{2,5}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{e_{1,5},\, e_{2,5}} \lor \neg e_{4,6}$$

$$1887. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{5,6} \lor t_{e_{1,5},\, e_{2,5}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{e_{1,5},\, e_{2,5}} \lor \neg e_{4,6}$$

$$1888. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5},\, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor e_{4,5} \lor \neg t_{e_{4,5},\, \neg e_{5,6}} \lor \neg e_{4,6} \lor \neg e_{4,6$$

$$1889. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \lor \neg e_{4,6} \lor \neg e_{5,6} \lor$$

1890.
$$\neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1891. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\, e_{5,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg t_{e_{4,6},\, e_{5,6}} \lor \neg$$

$$1892. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg e_{4,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}}$$

$$1893. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,6},\, \neg e_{2,6}}$$

$$1894. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg e_{4,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}}$$

$$1895. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{4,6},\, e_{5,6}} \vdash e_{5,6} \lor \neg e_{4,6} \lor e_{3,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}}$$

$$1896. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,6},\, e_{2,6}}$$

$$1897. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{4,6}$$

$$1898. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, e_{5,6}} \vdash e_{5,6} \lor \neg e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{4,6}$$

$$1899. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \lor \neg e_{4,6} \lor \neg e_{5,6} \lor$$

$$1900. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,6},\, e_{2,6}}$$

$$1901. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\, e_{5,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg t_{e_{4,6},\, e_{5,6}} \lor \neg$$

1902.
$$\neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash \neg t_{\neg e_{4,6}, e_{5,6}} \lor t_{\neg e_{1,6}, e_{2,6}} \lor \neg e_{4,6}$$

$$1903. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,6} \lor t_{e_{1,6},\, \neg e_{2,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{e_{1,6},\, \neg e_{2,6}}$$

$$1904. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{5,6} \lor t_{e_{1,6},\, \neg e_{2,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor \neg e_{4,6}$$

$$1905. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{3,6} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{4,6},\, e_{5,6}} \vdash e_{5,6} \lor \neg e_{3,6} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor \neg e_{4,6}$$

$$1906. \ \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,6}, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \lor \neg e_{4,6} \lor \neg e_{5,6} \lor \neg e_$$

$$1907. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,6} \lor t_{e_{1,6},\, \neg e_{2,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{e_{1,6},\, \neg e_{2,6}}$$

$$1908. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\, e_{5,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg t_{e_{4,6},\, e_{5,6}} \lor \neg$$

1909.
$$\neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}}, \neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash \neg t_{\neg e_{4,6}, e_{5,6}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{4,6}$$

$$1910. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \lor \neg e_{4,6} \lor \neg e_{5,6} \lor$$

1911.
$$\neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}}, e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \lor t_{e_{1,6}, e_{2,6}}$$

$$1912. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\, e_{5,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg t_{e_{4,6},\, e_{5,6}} \lor \neg$$

$$1913. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{5,6} \lor t_{e_{1,6},\, e_{2,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg e_{4,6} \lor t_{e_{1,6},\, e_{2,6}}$$

1914.
$$\neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}}, e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \lor t_{e_{1,6}, e_{2,6}}$$

1915.
$$\neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}}, \neg e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \vdash \neg t_{\neg e_{4,6}, e_{5,6}} \lor \neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}}$$

$$1916. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{3,6} \lor t_{e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, e_{5,6}} \vdash e_{5,6} \lor \neg e_{4,6} \lor e_{3,6} \lor t_{e_{1,6},\, e_{2,6}}$$

$$1917. \ \ e_{4,6} \lor t_{\neg e_{1,6}, \, e_{2,6}}, \neg e_{4,5} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,5}, \, \neg e_{4,6}} \vdash t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg t_{\neg e_{4,5}, \, \neg e_{4,6}} \lor \neg e_{4,5}$$

1918.
$$e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,4}, \neg e_{2,4}}$$

1919.
$$e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,4}, \neg e_{2,4}}$$

1920.
$$e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{4,5} \lor \neg e_{4,6} \lor \neg t_{e_{4,5}, \neg e_{4,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor e_{4,5} \lor \neg t_{e_{4,5}, \neg e_{4,6}}$$

1921.
$$e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4}, e_{2,4}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,4}, e_{2,4}}$$

$$1922. \ \ e_{4,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{4,5} \lor \neg e_{4,6} \lor \neg t_{e_{4,5},\, \neg e_{4,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor e_{4,5} \lor \neg t_{e_{4,5},\, \neg e_{4,6}}$$

$$1923. \ e_{4,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{4,5} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,5},\, \neg e_{4,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{4,5},\, \neg e_{4,6}} \lor \neg e_{4,5}$$

1924.
$$e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4}, e_{2,4}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,4}, e_{2,4}}$$

1925.
$$e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,4}, \neg e_{2,4}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,4}, \neg e_{2,4}}$$

$$1926. \ \ e_{4,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{4,5} \lor \neg e_{4,6} \lor \neg t_{e_{4,5},\, \neg e_{4,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor e_{4,5} \lor \neg t_{e_{4,5},\, \neg e_{4,6}}$$

$$1927. \ e_{4,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{4,5} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,5},\, \neg e_{4,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{4,5},\, \neg e_{4,6}} \lor \neg e_{4,5}$$

1928.
$$e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,4}, \neg e_{2,4}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,4}, \neg e_{2,4}}$$

1929.
$$e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{4,5} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,5}, \neg e_{4,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{4,5}, \neg e_{4,6}} \lor \neg e_{4,5}$$

1930.
$$e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,4}, e_{2,4}}$$

1931.
$$e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,4}, e_{2,4}}$$

1932.
$$e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{4,5} \lor \neg e_{4,6} \lor \neg t_{e_{4,5}, \neg e_{4,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor e_{4,5} \lor \neg t_{e_{4,5}, \neg e_{4,6}}$$

1933.
$$e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}$$

1934.
$$e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

1935.
$$e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

- 1936. $e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$
- 1937. $e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$
- 1938. $e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}}$
- $1939. \ \ e_{4,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \lor \neg t_{\neg e_{4,6},\,$
- 1940. $e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}}$
- 1941. $e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$
- 1942. $e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, \neg e_{2,6}}$
- $1943. \ e_{4,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \lor \neg t_{\neg e_{4,6},\, \neg$
- $1944. \ e_{4,6} \lor t_{\lnot e_{1,6}, \, e_{2,6}}, \lnot e_{4,6} \lor t_{e_{1,6}, \, \lnot e_{2,6}} \vdash t_{\lnot e_{1,6}, \, e_{2,6}} \lor t_{e_{1,6}, \, \lnot e_{2,6}}$
- $1945. \ \ e_{4,6} \lor t_{\neg e_{1,6}, \, e_{2,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \, \neg e_{5,6}} \vdash t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \, \neg e_{5,6}} \lor \neg t_{\neg e_{4,6$
- 1946. $e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, e_{2,6}}$
- $1947. \ \ e_{4,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,6},\, e_{2,6}}$
- 1948. $e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, e_{2,6}}$
- 1949. $\neg e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,5}, \neg e_{2,5}}$
- 1950. $\neg e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5}, e_{5,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{4,5}, e_{5,6}} \lor e_{4,5}$
- $1951. \ \, \neg e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}} \vdash \neg t_{\neg e_{4,5},\, e_{5,6}} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{4,5}$
- 1952. $\neg e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,5}, \neg e_{2,5}}$
- 1953. $\neg e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5}, e_{5,6}} \vdash \neg t_{\neg e_{4,5}, e_{5,6}} \lor t_{\neg e_{1,6}, e_{2,6}} \lor \neg e_{4,5}$
- 1954. $\neg e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,5}, e_{2,5}}$
- 1955. $\neg e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,5}, e_{2,5}}$
- 1956. $\neg e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5}, e_{5,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{4,5}, e_{5,6}} \lor e_{4,5}$
- $1957. \ \, \neg e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}} \vdash \neg t_{\neg e_{4,5},\, e_{5,6}} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{4,5}$
- 1958. $\neg e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{5,6} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,5}, \neg e_{2,5}}$
- 1959. $\neg e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{5,6} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,5}, \neg e_{2,5}}$
- 1960. $\neg e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5}, e_{5,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{4,5}, e_{5,6}} \lor e_{4,5}$
- 1961. $\neg e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{5,6} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,5}, e_{2,5}}$
- 1962. $\neg e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5}, e_{5,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{4,5}, e_{5,6}} \lor e_{4,5}$

$$1963. \ \, \neg e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}} \vdash \neg t_{\neg e_{4,5},\, e_{5,6}} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{4,5}$$

1964.
$$\neg e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{5,6} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,5}, e_{2,5}}$$

1965.
$$\neg e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1966. \ \, \neg e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\, e_{5,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor e_{4,6} \lor \neg t_{e_{4,6},\, e_{5,6}}$$

$$1967. \ \, \neg e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{4,6}$$

1968.
$$\neg e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$1969. \ \, \neg e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{4,6}$$

1970.
$$\neg e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}}$$

1971.
$$\neg e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}}$$

$$1972. \ \, \neg e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\, e_{5,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor e_{4,6} \lor \neg t_{e_{4,6},\, e_{5,6}}$$

$$1973. \ \, \neg e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{4,6}$$

1974.
$$\neg e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, \neg e_{2,6}}$$

1975.
$$\neg e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{5,6} \lor t_{e_{1,6},\, \neg e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,6},\, \neg e_{2,6}}$$

$$1976. \ \, \neg e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\, e_{5,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor e_{4,6} \lor \neg t_{e_{4,6},\, e_{5,6}}$$

1977.
$$\neg e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, e_{2,6}}$$

1978.
$$\neg e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor e_{4,6} \lor \neg t_{e_{4,6}, e_{5,6}}$$

1979.
$$\neg e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \vdash \neg t_{\neg e_{4,6}, e_{5,6}} \lor t_{\neg e_{1,6}, e_{2,6}} \lor \neg e_{4,6}$$

1980.
$$\neg e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, e_{2,6}}$$

$$1981. \ \neg e_{3,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}}$$

$$1982. \ \neg e_{3,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5}, e_{3,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor e_{3,5} \lor t_{\neg e_{4,6}, e_{5,6}} \lor \neg t_{e_{3,5}, e_{3,6}}$$

$$1983. \ \neg e_{3,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5}, e_{3,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}} \lor \neg t_{\neg e_{3,5}, e_{3,6}} \lor \neg e_{3,5}$$

$$1984. \ \, \neg e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,3},\, \neg e_{2,3}} \vdash t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, e_{5,6}}$$

$$1985. \ \, \neg e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, e_{5,6}} \lor \neg t_{\neg e_{3,5},\, e_{3,6}} \lor \neg e_{3,5}$$

$$1986. \ \, \neg e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,3},\, e_{2,3}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,3},\, e_{2,3}}$$

1987.
$$\neg e_{3,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}} \lor t_{\neg e_{1,3}, e_{2,3}}$$

$$1988. \ \, \neg e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, e_{5,6}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5},\, e_{3,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor e_{3,5} \lor t_{\neg e_{4,6},\, e_{5,6}} \lor \neg t_{e_{3,5},\, e_{3,6}} \lor \neg t_{e_{3,5},\, e$$

$$1989. \ \neg e_{3,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5}, e_{3,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}} \lor \neg t_{\neg e_{3,5}, e_{3,6}} \lor \neg e_{3,5}$$

- $1990. \ \neg e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, e_{5,6}}, e_{3,6} \lor t_{e_{1,3},\, \neg e_{2,3}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{4,6},\, e_{5,6}}$
- $1991. \ \, \neg e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, e_{5,6}}, e_{3,6} \lor t_{e_{1,3},\, \neg e_{2,3}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{4,6},\, e_{5,6}}, e_{5,6} \lor e_{5,6}$
- $1992. \ \neg e_{3,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5}, e_{3,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor e_{3,5} \lor t_{\neg e_{4,6}, e_{5,6}} \lor \neg t_{e_{3,5}, e_{3,6}}$
- $1993. \ \, \neg e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, e_{5,6}}, e_{3,6} \lor t_{e_{1,3},\, e_{2,3}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, e_{5,6}} \lor t_{e_{1,3},\, e_{2,3}}$
- $1994. \ \neg e_{3,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5}, e_{3,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor e_{3,5} \lor t_{\neg e_{4,6}, e_{5,6}} \lor \neg t_{e_{3,5}, e_{3,6}}$
- $1995. \ \, \neg e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, e_{5,6}} \lor \neg t_{\neg e_{3,5},\, e_{3,6}} \lor \neg e_{3,5}$
- $1996. \ \, \neg e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, e_{5,6}}, e_{3,6} \lor t_{e_{1,3},\, e_{2,3}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, e_{5,6}} \lor t_{e_{1,3},\, e_{2,3}}$
- $1997. \ \, \neg e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{4,6},\, e_{5,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,6},\, \neg e_{2,6}}, e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,6},\, e_{2,6}}$
- $1998. \ \neg e_{3,6} \lor t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{\neg e_{4,6}, \, e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{4,6}, \, \neg e_{5,6}} \vdash t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{\neg e_{4,6}, \, e_{5,6}} \lor t_{e_{4,6}, \, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{\neg e_{1,6$
- $1999. \ \, \neg e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, \neg e_{5,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, e_{5,6}} \lor t_{\neg e_{4,6},\, \neg e_{5,6}} \lor t_{\neg e_{4,6},\, \neg e_{5,6}} \lor t_{\neg e_{4,6},\, e_{5,6}} \lor t_{\neg$
- $2000. \ \, \neg e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{4,6},\, e_{5,6}} \vdash t_{e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, e_{5,6}} \lor t_{\neg e_{4,6},\,$
- $2001. \ \, \neg e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, e_{5,6}}, e_{3,6} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{4,6},\, \neg e_{5,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, e_{5,6}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{4,6},\, \neg e_{5,6}} \lor t_{\neg e_{$
- $2002. \ \neg e_{3,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}}, e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, e_{5,6}} \vdash t_{e_{4,6}, e_{5,6}} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,6}, e_{2,6}} \lor$
- $2003. \ \neg e_{3,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}}, e_{3,6} \lor t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}} \lor t_{e_{1,6}, e_{2,6}} \lor t_{e$
- $2004. \ \, \neg e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, e_{5,6}}, e_{3,6} \lor t_{e_{1,6},\, e_{2,6}} \lor t_{e_{4,6},\, \neg e_{5,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, e_{5,6}} \lor t_{e_{4,6},\, \neg e_{5,6}} \lor t_{e_{1,6},\, e_{2,6}}, e_{1,6}, e_{2,6} \lor t_{\neg e_{4,6},\, e_{5,6}} \lor t_{\neg e_{4,6},\, e_{5,6}$
- $2005. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, e_{1,5} \lor e_{1,6} \lor \neg t_{e_{1,5}, \, e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \, e_{1,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}$
- $2006. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{1,6} \lor t_{e_{1,2},\, e_{1,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$
- 2007. $\neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, e_{1,6} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$
- $2008. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{1,5} \lor e_{1,6} \lor \neg t_{\neg e_{1,5},\, e_{1,6}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e$
- $2009. \ \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,6}, e_{2,6}} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}}$
- $2010. \ \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, \neg e_{1,5} \lor e_{1,6} \lor \neg t_{\neg e_{1,5}, \, e_{1,6}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \, e_{1,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}} \lor$
- $2011. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{1,5} \lor e_{1,6} \lor \neg t_{e_{1,5},\, e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5},\, e_{1,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$
- $2012. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{1,6} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,6},\, e_{2,6}} \lor e_{2,6} \lor t_{e_{1,2},\, \neg e_{1,3}}$
- 2013. $\neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$
- $2014. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{1,5} \lor e_{1,6} \lor \neg t_{\neg e_{1,5},\, e_{1,6}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e$
- $2015. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{1,5} \lor e_{1,6} \lor \neg t_{e_{1,5},\, e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5},\, e_{1,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$
- $2016. \ \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,2},\, e_{1,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$

$$2017. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{1,5} \lor e_{1,6} \lor \neg t_{e_{1,5},\, e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5},\, e_{1,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor e_{$$

$$2018. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{$$

$$2019. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$2020. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{1,5} \lor e_{1,6} \lor \neg t_{\neg e_{1,5},\, e_{1,6}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e$$

$$2021. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,6} \lor \neg$$

$$2022. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash \neg e_{1,6} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$2023. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash \neg e_{1,6} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$2024. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \lor e_{2,5} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{2,6} \lor \neg e_{2,6} \lor$$

$$2025. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$2026. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \lor e_{2,5} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$2027. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,6} \lor \neg$$

$$2028. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$2029. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash \neg e_{1,6} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$2030. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \lor e_{2,5} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$2031. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,6} \lor \neg$$

$$2032. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash \neg e_{1,6} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$2033. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,6} \lor \neg$$

$$2034. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2},\, e_{2,3}} \vdash \neg e_{1,6} \lor t_{e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$2035. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2},\, e_{2,3}} \vdash \neg e_{1,6} \lor t_{e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$2036. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \lor e_{2,5} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$2037. \ \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_$$

$$2038. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash e_{2,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{2,6} \lor \neg t_{\neg e_{1$$

$$2039. \ \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg t$$

$$2040. \ \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}} \vdash e_{2,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}$$

$$2041. \ \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_$$

$$2042. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash e_{2,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{$$

$$2043. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,$$

$$2044. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash e_{2,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$2045. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \vdash \neg e_{1,6} \lor e_{4,6} \lor e_{2,6}$$

2046.
$$\neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{1,6} \lor \neg e_{5,6} \lor e_{2,6}$$

$$2047. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, e_{5,6}} \vdash \neg e_{3,6} \lor \neg e_{1,6} \lor t_{\neg e_{4,6},\, e_{5,6}} \lor e_{2,6} \lor e_{2,6} \lor e_{2,6} \lor e_{3,6} \lor$$

$$2048. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \vdash \neg e_{1,6} \lor \neg e_{4,6} \lor e_{2,6}$$

2049.
$$\neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash e_{5,6} \lor \neg e_{1,6} \lor e_{2,6}$$

$$2050. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{4,6},\, \neg e_{5,6}} \vdash \neg e_{3,6} \lor \neg e_{1,6} \lor t_{e_{4,6},\, \neg e_{5,6}} \lor e_{2,6}$$

2051.
$$\neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{1,6} \lor e_{4,6} \lor e_{2,6}$$

2052.
$$\neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash e_{5,6} \lor \neg e_{1,6} \lor e_{2,6}$$

$$2053. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, \neg e_{5,6}} \vdash \neg e_{1,6} \lor t_{\neg e_{4,6},\, \neg e_{5,6}} \lor e_{3,6} \lor e_{2,6}$$

$$2054. \ \, \neg e_{1,6} \vee e_{2,6} \vee \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{4,6} \vee t_{\neg e_{1,6},\, e_{2,6}} \vdash \neg e_{1,6} \vee \neg e_{4,6} \vee e_{2,6}$$

2055.
$$\neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{1,6} \lor \neg e_{5,6} \lor e_{2,6}$$

$$2056. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{4,6},\, e_{5,6}} \vdash \neg e_{1,6} \lor t_{e_{4,6},\, e_{5,6}} \lor e_{3,6} \lor e_{2,6}$$

$$2057. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\, e_{2,6}} \vdash \neg t_{e_{1,6},\, e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$2058. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,6},\, e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,6} \lor \neg t_{\neg e_{1,$$

$$2059. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\, e_{2,6}} \vdash \neg t_{e_{1,6},\, e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$2060. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,6},\, e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$2061. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\, e_{2,6}} \vdash \neg t_{e_{1,6},\, e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$2062. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,6},\, e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$2063. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\, e_{2,6}} \vdash \neg t_{e_{1,6},\, e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$2064. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,6},\, e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

2065.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

$$2066. \ e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,5} \lor \neg e_{1,6} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}}$$

$$2067. \ e_{1,6} \lor t_{\neg e_{1,6}, \, e_{2,6}}, e_{1,5} \lor \neg e_{1,6} \lor \neg t_{e_{1,5}, \, \neg e_{1,6}} \vdash e_{1,5} \lor t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg t_{e_{1,5}, \, \neg e_{1,6}}$$

2068.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

$$2069. \ e_{1,6} \lor t_{\neg e_{1,6}, \, e_{2,6}}, e_{1,5} \lor \neg e_{1,6} \lor \neg t_{e_{1,5}, \, \neg e_{1,6}} \vdash e_{1,5} \lor t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg t_{e_{1,5}, \, \neg e_{1,6}}$$

2070.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

2071.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2072. \ e_{1,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{1,5} \lor \neg e_{1,6} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}}$$

$$2073. \ e_{1,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{1,5} \lor \neg e_{1,6} \lor \neg t_{e_{1,5},\, \neg e_{1,6}} \vdash e_{1,5} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{1,5},\, \neg e_{1,6}}$$

2074.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, e_{1,3}}$$

$$2075. \ e_{1,6} \lor t_{\lnot e_{1,6},\, e_{2,6}}, \lnot e_{1,6} \lor t_{\lnot e_{1,2},\, e_{1,3}} \vdash t_{\lnot e_{1,6},\, e_{2,6}} \lor t_{\lnot e_{1,2},\, e_{1,3}}$$

$$2076. \ e_{1,6} \lor t_{\neg e_{1,6}, \, e_{2,6}}, \neg e_{1,5} \lor \neg e_{1,6} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \vdash t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}}$$

2077.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$2078. \ e_{1,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{1,5} \lor \neg e_{1,6} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}}$$

$$2079. \ e_{1,6} \lor t_{\neg e_{1,6}, \, e_{2,6}}, e_{1,5} \lor \neg e_{1,6} \lor \neg t_{e_{1,5}, \, \neg e_{1,6}} \vdash e_{1,5} \lor t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg t_{e_{1,5}, \, \neg e_{1,6}}$$

2080.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$2081. \ e_{1,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$2082. \ e_{1,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e_{2,$$

$$2083. \ e_{1,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$2084. \ e_{1,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e_{2,$$

$$2085. \ e_{1,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor e_{2,6} \lor$$

$$2086. \ e_{1,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

2087.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

2088.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

$$2089. \ e_{1,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6},\, \neg e_{2,6}} \vdash t_{e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{1,6},\, e_{2,6}}$$

2090.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

2091.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

2092.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

$$2093. \ e_{1,6} \lor t_{\lnot e_{1,6},\, e_{2,6}}, \lnot e_{1,6} \lor t_{e_{1,6},\, e_{2,6}} \vdash t_{e_{1,6},\, e_{2,6}} \lor t_{\lnot e_{1,6},\, e_{2,6}}$$

2094.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

2095.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

2096.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

2097.
$$\neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

$$2098. \ \, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{2,5},\, e_{2,6}} \lor e_{2,5}$$

$$2099. \ \, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$$

2100.
$$\neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

$$2101. \ \, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$$

2102.
$$\neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

2103.
$$\neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

2104.
$$\neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{2,5}, e_{2,6}} \lor e_{2,5}$$

2105.
$$\neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}}$$

2106.
$$\neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

2107.
$$\neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

$$2108. \ \, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{2,5},\, e_{2,6}} \lor e_{2,5}$$

2109.
$$\neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}$$

2110.
$$\neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{2,5}, e_{2,6}} \lor e_{2,5}$$

2111.
$$\neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}}$$

2112.
$$\neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}$$

2113.
$$\neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$2114. \ \, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,6},\, \neg e_{2,6}}$$

2115.
$$\neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

2116.
$$\neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$2117. \ \neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

$$2118. \ \, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash \neg e_{1,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$2119. \ \, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash \neg e_{1,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$2120. \ \, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash \neg e_{1,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_$$

2121.
$$\neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

2122.
$$\neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

2123.
$$\neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

2124.
$$\neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

$$2125. \ \, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{1,6},\, e_{2,6}} \lor e_{1,6}$$

$$2126. \ \, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{1,6},\, e_{2,6}} \lor e_{1,6}$$

$$2127. \ \, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{1,6},\, e_{2,6}} \lor e_{1,6}$$

$$2128. \ \, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{1,6},\, e_{2,6}} \lor e_{1,6}$$

$$2129. \ \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{4,5} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,5}, \neg e_{4,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,5}, \neg e_{4,6}} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor \neg e_{4,5} \lor \neg e_{$$

$$2130. \ \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, \lnot e_{4,6} \lor t_{\lnot e_{1,4}, \lnot e_{2,4}} \vdash \lnot t_{e_{4,6}, \lnot e_{5,6}} \lor \lnot e_{5,6} \lor t_{\lnot e_{1,4}, \lnot e_{2,4}}$$

$$2131. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \vdash \neg t_{e_{4,6}, \neg e_{5,6}} \lor \neg e_{5,6} \lor t_{\neg e_{1,4}, \neg e_{2,4}}$$

$$2132. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{4,5} \lor \neg e_{4,6} \lor \neg t_{e_{4,5}, \neg e_{4,6}} \vdash \neg e_{5,6} \lor e_{4,5} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor \neg t_{e_{4,5}, \neg e_{4,6}} \lor \neg t_{e_{4,6}, \neg e_{4,6}} \lor$$

$$2133. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4}, e_{2,4}} \vdash \neg e_{5,6} \lor t_{\neg e_{1,4}, e_{2,4}} \lor \neg t_{e_{4,6}, \neg e_{5,6}}$$

$$2134. \ \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, e_{4,5} \lor \lnot e_{4,6} \lor \lnot t_{e_{4,5}, \lnot e_{4,6}} \vdash \lnot e_{5,6} \lor e_{4,5} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}} \lor \lnot t_{e_{4,5}, \lnot e_{4,6}} \lor \lnot t_{e_{4,6}, \lnot e_{4,6}} \lor t_{e_{4,6}, \lnot e_$$

$$2135. \ \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, \lnot e_{4,5} \lor \lnot e_{4,6} \lor \lnot t_{\lnot e_{4,5}, \lnot e_{4,6}} \vdash \lnot e_{5,6} \lor \lnot t_{\lnot e_{4,5}, \lnot e_{4,6}} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}} \lor \lnot e_{4,5} \lor e$$

$$2136. \ \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, \lnot e_{4,6} \lor t_{\lnot e_{1,4}, e_{2,4}} \vdash \lnot e_{5,6} \lor t_{\lnot e_{1,4}, e_{2,4}} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, \lnot e_{4,6}, \lnot e_{5,6}, \lnot e_{$$

$$2137. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{4,6} \lor t_{e_{1,4}, \neg e_{2,4}} \vdash \neg e_{5,6} \lor t_{e_{1,4}, \neg e_{2,4}} \lor \neg t_{e_{4,6}, \neg e_{5,6}}$$

$$2138. \ \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, e_{4,5} \lor \lnot e_{4,6} \lor \lnot t_{e_{4,5}, \lnot e_{4,6}} \vdash \lnot e_{5,6} \lor e_{4,5} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}} \lor \lnot t_{e_{4,5}, \lnot e_{4,6}} \lor \lnot t_{e_{4,6}, \lnot e_{4,6}} \lor t_{e_{4,6}, \lnot e_$$

$$2139. \ \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, \lnot e_{4,5} \lor \lnot e_{4,6} \lor \lnot t_{\lnot e_{4,5}, \lnot e_{4,6}} \vdash \lnot e_{5,6} \lor \lnot t_{\lnot e_{4,5}, \lnot e_{4,6}} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}} \lor \lnot e_{4,5}, \lnot e_{4,5} \lor \lnot e_{4,5}, \lnot e_{4,5}, \lnot e_{4,5} \lor e_{4,5}, \lnot e_{4$$

$$2140. \ \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, \lnot e_{4,6} \lor t_{e_{1,4}, \lnot e_{2,4}} \vdash \lnot e_{5,6} \lor t_{e_{1,4}, \lnot e_{2,4}} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}$$

$$2141. \ \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, \lnot e_{4,5} \lor \lnot e_{4,6} \lor \lnot t_{\lnot e_{4,5}, \lnot e_{4,6}} \vdash \lnot e_{5,6} \lor \lnot t_{\lnot e_{4,5}, \lnot e_{4,6}} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}} \lor \lnot e_{4,5}, \lnot e_{4,6} \lor \lnot e_{4,6}, \lnot e_{5,6} \lor e_$$

$$2142. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \vdash \neg e_{5,6} \lor t_{e_{1,4}, e_{2,4}} \lor \neg t_{e_{4,6}, \neg e_{5,6}}$$

$$2143. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \vdash \neg e_{5,6} \lor t_{e_{1,4}, e_{2,4}} \lor \neg t_{e_{4,6}, \neg e_{5,6}}$$

$$2144. \ \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{4,5} \lor \neg e_{4,6} \lor \neg t_{e_{4,5}, \neg e_{4,6}} \vdash \neg e_{5,6} \lor e_{4,5} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor \neg t_{e_{4,5}, \neg e_{4,6}} \lor \neg t_{e_{4,6}, \neg e_{4,6}}$$

$$2145. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash e_{4,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}}, e_{5,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}}, e_{5,6} \lor t_{\neg e$$

$$2146. \ \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5}, e_{5,6}} \vdash e_{4,6} \lor e_{4,5} \lor \neg t_{e_{4,5}, e_{5,6}} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor \neg t_{e$$

$$2147. \ \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6},\lnot e_{5,6}}, \lnot e_{4,5} \lor e_{5,6} \lor \lnot t_{\lnot e_{4,5},e_{5,6}} \vdash \lnot t_{\lnot e_{4,5},e_{5,6}} \lor e_{4,6} \lor \lnot t_{e_{4,6},\lnot e_{5,6}} \lor \lnot e_{4,5} \lor \lnot e_{4,5}, \lnot e_{5,6} \lor \lnot e_{4,6}, \lnot e_{5,6} \lor \lnot e_{5,6}, \lnot e_$$

$$2148. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash e_{4,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor \neg t_{e_{4,6}, \neg e_{5,6}}$$

$$2149. \ \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5}, e_{5,6}} \vdash \neg t_{\neg e_{4,5}, e_{5,6}} \lor e_{4,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor \neg e_{4,5}$$

$$2150. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash e_{4,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,5}, e_{2,5}}$$

$$2151. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash e_{4,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,5}, e_{2,5}}$$

$$2152. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5}, e_{5,6}} \vdash e_{4,6} \lor e_{4,5} \lor \neg t_{e_{4,5}, e_{5,6}} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor \neg t_{e_{$$

$$2153. \ \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6},\lnot e_{5,6}}, \lnot e_{4,5} \lor e_{5,6} \lor \lnot t_{\lnot e_{4,5}, e_{5,6}} \vdash \lnot t_{\lnot e_{4,5}, e_{5,6}} \lor e_{4,6} \lor \lnot t_{e_{4,6},\lnot e_{5,6}} \lor \lnot e_{4,5}$$

2154.
$$e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}}, \neg e_{5,6}, e_{5,6} \lor t_{e_{1,5}}, \neg e_{2,5} \vdash t_{e_{1,5}}, \neg e_{2,5} \lor e_{4,6} \lor \neg t_{e_{4,6}}, \neg e_{5,6}$$

$$2155. \ \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor e_{4,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}$$

$$2156. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}}, \neg e_{5,6}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5}, e_{5,6}} \vdash e_{4,6} \lor e_{4,5} \lor \neg t_{e_{4,5}, e_{5,6}} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor \neg t_{e_{$$

2157.
$$e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{e_{1,5}, e_{2,5}} \vdash e_{4,6} \lor t_{e_{1,5}, e_{2,5}} \lor \neg t_{e_{4,6}, \neg e_{5,6}}$$

$$2158. \ \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, e_{4,5} \lor e_{5,6} \lor \lnot t_{e_{4,5}, e_{5,6}} \vdash e_{4,6} \lor e_{4,5} \lor \lnot t_{e_{4,5}, e_{5,6}} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}} \lor \lnot t_{e$$

$$2159. \ \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5}, \, e_{5,6}} \vdash \neg t_{\neg e_{4,5}, \, e_{5,6}} \lor e_{4,6} \lor \neg t_{e_{4,6}, \, \neg e_{5,6}} \lor \neg e_{4,5} \lor \neg e_{4,$$

2160.
$$e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}}, \neg e_{5,6}, e_{5,6} \lor t_{e_{1,5}}, e_{2,5} \vdash e_{4,6} \lor t_{e_{1,5}}, e_{2,5} \lor \neg t_{e_{4,6}}, \neg e_{5,6}$$

$$2161. \ \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, \lnot e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{\lnot e_{4,6}, \lnot e_{5,6}} \vdash \lnot t_{e_{4,6}, \lnot e_{5,6}} \lor \lnot e_{5,6} \lor \lnot t_{\lnot e_{4,6}, \lnot e_{5,6}} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}} \lor \lnot t_{\lnot e_{4,6}, \lnot e_{5,6}} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}} \lor \lnot t_{\lnot e_{4,6}, \lnot e_{5,6}} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}} \lor t_{\lnot e_{4,6}, \lnot e_{$$

$$2162. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash e_{4,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$2163. \ \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, e_{4,6} \lor e_{5,6} \lor \lnot t_{e_{4,6}, e_{5,6}} \vdash e_{4,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}} \lor \lnot t_{e_{4,6}, e_{5,6}} \lor t_{e_{4,6}, e_$$

$$2164. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$2165. \ \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, \lnot e_{4,6} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}} \vdash \lnot e_{5,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}}$$

$$2166. \ \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, e_{5,6} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}} \vdash e_{4,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}}$$

$$2167. \ \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \vdash \neg e_{5,6} \lor e_{4,6} \lor e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$2168. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{4,6}, \neg e_{5,6}}$$

$$2169. \ \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, e_{5,6} \lor t_{\lnot e_{1,6}, e_{2,6}} \vdash e_{4,6} \lor t_{\lnot e_{1,6}, e_{2,6}} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, e_{5,6} \lor t_{\lnot e_{1,6}, e_{2,6}} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, e_{5,6} \lor t_{\lnot e_{1,6}, e_{2,6}} \lor t_{\lnot e_{1,6}, e_{2,$$

$$2170. \ \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{3,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \vdash \neg e_{3,6} \lor \neg e_{5,6} \lor e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{3,6}, e_{3,6}} \lor e_{4,6} \lor$$

$$2171. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \vdash \neg t_{e_{4,6}, \neg e_{5,6}} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg t_{\neg e_{4$$

2172.
$$e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{4,6}, \neg e_{5,6}}$$

$$2173. \ \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, e_{4,6} \lor e_{5,6} \lor \lnot t_{e_{4,6}, e_{5,6}} \vdash e_{4,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}} \lor \lnot t_{e_{4,6}, e_{5,6}} \lor t_{e_{4,6}, e_$$

$$2174. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{4,6}, \neg e_{5,6}}$$

$$2175. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash \neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{4,6}, \neg e_{5,6}}$$

2176.
$$e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}}, \neg e_{5,6}, e_{5,6} \lor t_{e_{1,6}}, \neg e_{2,6} \vdash e_{4,6} \lor t_{e_{1,6}}, \neg e_{2,6} \lor \neg t_{e_{4,6}}, \neg e_{5,6}$$

$$2177. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \vdash \neg e_{3,6} \lor \neg e_{5,6} \lor e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor e_{4,6} \lor e_{4,6}$$

$$2178. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \vdash \neg t_{e_{4,6}, \neg e_{5,6}} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg t_{\neg e_{4$$

$$2179. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{4,6}, \neg e_{5,6}}$$

$$2180. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}} \vdash e_{4,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor \neg t_{e_{4,6}, e_{5,6}} \lor \neg t_{e$$

2181.
$$e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash \neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{4,6}, \neg e_{5,6}}$$

$$2182. \ \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6},\lnot e_{5,6}}, \lnot e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{\lnot e_{4,6},\lnot e_{5,6}} \vdash \lnot t_{e_{4,6},\lnot e_{5,6}} \lor \lnot e_{5,6} \lor \lnot t_{\lnot e_{4,6},\lnot e_{5,6}} \lor t_{\lnot e_{4,6},\lnot e_{5,6}} \lor \lnot t_{\lnot e_{4,6},\lnot e_{5,6}} \lor t_{\lnot e_{4,6},\lnot e_{5,6}} \lor \lnot t_{\lnot e_{4,6},\lnot e_{5,6}} \lor \lnot t_{\lnot e_{4,6},\lnot e_{5,6}} \lor \lnot t_{\lnot e_{4,6},\lnot e_{5,6}} \lor t_{\lnot e_{4,6},\lnot e_{5,6}} \lor \lnot t_{\lnot e_{4,6},\lnot e_{5,6}} \lor \lnot t_{\lnot e_{4,6},\lnot e_{5,6}} \lor$$

$$2183. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \vdash e_{4,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor t_{e_{1,6}, e_{2,6}}$$

$$2184. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}} \vdash e_{4,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor \neg t_{e_{4,6}, e_{5,6}} \lor \neg t_{e$$

$$2185. \ \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \vdash \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor t_{e_{1,6}, e_{2,6}}$$

$$2186. \ \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6},\,\lnot e_{5,6}}, \lnot e_{4,6} \lor t_{e_{1,6},\,e_{2,6}} \vdash \lnot e_{5,6} \lor \lnot t_{e_{4,6},\,\lnot e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}}$$

$$2187. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \vdash e_{4,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor t_{e_{1,6}, e_{2,6}}$$

$$2188. \ \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, e_{3,6} \lor t_{e_{1,6}, e_{2,6}} \lor t_{e_{4,6}, \lnot e_{5,6}} \vdash \lnot e_{5,6} \lor e_{4,6} \lor e_{3,6} \lor t_{e_{1,6}, e_{2,6}} \lor e_{4,6} \lor e_{4,6} \lor e_{3,6} \lor e_{4,6} \lor e_{$$

2189.
$$\neg e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \vdash t_{\neg e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

2190.
$$\neg e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5}, e_{4,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor e_{4,5} \lor \neg t_{e_{4,5}, e_{4,6}}$$

$$2191. \ \, \neg e_{4,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5},\, e_{4,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{4,5},\, e_{4,6}} \lor \neg e_{4,5}$$

2192.
$$\neg e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \vdash t_{\neg e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

$$2193. \ \, \neg e_{4,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5},\, e_{4,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{4,5},\, e_{4,6}} \lor \neg e_{4,5}$$

2194.
$$\neg e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,4}, e_{2,4}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,4}, e_{2,4}}$$

2195.
$$\neg e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,4}, e_{2,4}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,4}, e_{2,4}}$$

$$2196. \ \, \neg e_{4,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5},\, e_{4,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor e_{4,5} \lor \neg t_{e_{4,5},\, e_{4,6}}$$

$$2197. \ \, \neg e_{4,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5},\, e_{4,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{4,5},\, e_{4,6}} \lor \neg e_{4,5}$$

2198.
$$\neg e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{4,6} \lor t_{e_{1,4}, \neg e_{2,4}} \vdash t_{e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

2199.
$$\neg e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{4,6} \lor t_{e_{1,4}, \neg e_{2,4}} \vdash t_{e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

$$2200. \ \, \neg e_{4,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5},\, e_{4,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor e_{4,5} \lor \neg t_{e_{4,5},\, e_{4,6}}$$

2201.
$$\neg e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,4}, e_{2,4}}$$

2202.
$$\neg e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5}, e_{4,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor e_{4,5} \lor \neg t_{e_{4,5}, e_{4,6}}$$

$$2203. \ \, \neg e_{4,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5},\, e_{4,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{4,5},\, e_{4,6}} \lor \neg e_{4,5}$$

$$2204. \ \, \neg e_{4,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{4,6} \lor t_{e_{1,4},\, e_{2,4}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,4},\, e_{2,4}}$$

2205.
$$\neg e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$2206. \ \, \neg e_{4,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\, e_{5,6}} \vdash e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{4,6},\, e_{5,6}}$$

2207.
$$\neg e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$2208. \ \, \neg e_{4,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6},\, \neg e_{5,6}} \vdash \neg e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{4,6},\, \neg e_{5,6}}$$

2209.
$$\neg e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}}$$

$$2210. \ \, \neg e_{4,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6},\, \neg e_{5,6}} \vdash \neg e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{4,6},\, \neg e_{5,6}}$$

2211.
$$\neg e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}}$$

$$2212. \ \, \neg e_{4,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\, e_{5,6}} \vdash e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{4,6},\, e_{5,6}}$$

$$2213. \ \, \neg e_{4,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{4,6} \lor t_{e_{1,6},\, \neg e_{2,6}} \vdash t_{e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{1,6},\, e_{2,6}}$$

$$2214. \ \, \neg e_{4,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6},\, \neg e_{5,6}} \vdash \neg e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{4,6},\, \neg e_{5,6}}$$

2215.
$$\neg e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

$$2216. \ \, \neg e_{4,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\, e_{5,6}} \vdash e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{4,6},\, e_{5,6}}$$

$$2217. \ \, \neg e_{4,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{4,6} \lor t_{e_{1,6},\, e_{2,6}} \vdash t_{e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,6},\, e_{2,6}}$$

2218.
$$\neg e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}} \vdash e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{4,6}, e_{5,6}}$$

2219.
$$\neg e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

$$2220. \ \, \neg e_{4,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6},\, \neg e_{5,6}} \vdash \neg e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{4,6},\, \neg e_{5,6}}$$

$$2221. \ e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{4,5} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,5},\, \neg e_{5,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{4,5},\, \neg e_{5,6}} \lor \neg e_{4,5}$$

2222.
$$e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,5}, \neg e_{2,5}}$$

2223.
$$e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,5}, \neg e_{2,5}}$$

$$2224. \ e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5},\, \neg e_{5,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{4,5},\, \neg e_{5,6}} \lor e_{4,5}$$

$$2225. \ e_{5,6} \lor t_{\lnot e_{1,6},\, e_{2,6}}, \lnot e_{5,6} \lor t_{\lnot e_{1,5},\, e_{2,5}} \vdash t_{\lnot e_{1,6},\, e_{2,6}} \lor t_{\lnot e_{1,5},\, e_{2,5}}$$

$$2226. \ e_{5,6} \lor t_{\neg e_{1,6}, \, e_{2,6}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \, \neg e_{5,6}} \vdash t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg t_{e_{4,5}, \, \neg e_{5,6}} \lor e_{4,5}$$

$$2227. \ e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{4,5} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,5},\, \neg e_{5,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{4,5},\, \neg e_{5,6}} \lor \neg e_{4,5}$$

2228.
$$e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,5}, e_{2,5}}$$

2229.
$$e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

$$2230. \ e_{5,6} \lor t_{\neg e_{1,6}, \, e_{2,6}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \, \neg e_{5,6}} \vdash t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg t_{e_{4,5}, \, \neg e_{5,6}} \lor e_{4,5}$$

$$2231. \ e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{4,5} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,5},\, \neg e_{5,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{4,5},\, \neg e_{5,6}} \lor \neg e_{4,5}$$

2232.
$$e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

$$2233. \ e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{4,5} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,5},\, \neg e_{5,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{4,5},\, \neg e_{5,6}} \lor \neg e_{4,5}$$

2234.
$$e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,5}, e_{2,5}}$$

2235.
$$e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,5}, e_{2,5}}$$

$$2236. \ e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5},\, \neg e_{5,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{4,5},\, \neg e_{5,6}} \lor e_{4,5}$$

$$2237. \ e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}$$

2238.
$$e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

2239.
$$e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$2240. \ e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6},\, \neg e_{5,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor e_{4,6} \lor \neg t_{e_{4,6},\, \neg e_{5,6}}$$

2241.
$$e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}}$$

$$2242. \ e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6},\, \neg e_{5,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor e_{4,6} \lor \neg t_{e_{4,6},\, \neg e_{5,6}}$$

$$2243. \ e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}}$$

2244.
$$e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}}$$

2245.
$$e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

$$2246. \ e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6},\, \neg e_{5,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor e_{4,6} \lor \neg t_{e_{4,6},\, \neg e_{5,6}}$$

$$2247. \ e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \lor \neg e_{4,6} \lor \neg e_{4,6} \lor \neg e_{4,6}, \neg e_{5,6} \lor \neg e_{4,6} \lor \neg e_{4,6} \lor \neg e_{4,6}, \neg e_{5,6} \lor \neg e_{4,6} \lor \neg e_{4,6}$$

$$2248. \ e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,6},\, \neg e_{2,6}} \vdash t_{e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{1,6},\, e_{2,6}}$$

$$2249. \ e_{5,6} \lor t_{\neg e_{1,6}, \, e_{2,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \, \neg e_{5,6}} \vdash t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \, \neg e_{5,6}}$$

2250.
$$e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, e_{2,6}}$$

2251.
$$e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, e_{2,6}}$$

$$2252. \ e_{5,6} \lor t_{\neg e_{1,6}, \, e_{2,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \, \neg e_{5,6}} \vdash t_{\neg e_{1,6}, \, e_{2,6}} \lor e_{4,6} \lor \neg t_{e_{4,6}, \, \neg e_{5,6}}$$

$$2253. \ \neg e_{3,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{4,6}, \neg e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_$$

$$2254. \ \, \neg e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{4,6},\, \neg e_{5,6}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5},\, e_{3,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor e_{3,5} \lor \neg t_{e_{3,5},\, e_{3,6}} \lor t_{e_{4,6},\, \neg e_{5,6}}, e_{3,6} \lor e_{3,6}$$

$$2255. \ \, \neg e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{4,6},\, \neg e_{5,6}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{3,5},\, e_{3,6}} \lor t_{e_{4,6},\, \neg e_{5,6}} \lor \neg e_{3,5}$$

$$2256. \ \, \neg e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{4,6},\, \neg e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,3},\, \neg e_{2,3}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{e_{4,6},\, \neg e_{5,6}}, e_{4,6}, e_{4,6},$$

$$2257. \ \neg e_{3,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5}, e_{3,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{3,5}, e_{3,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \lor \neg e_{3,5}$$

$$2258. \ \neg e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{4,6},\, \neg e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,3},\, e_{2,3}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{4,6},\, \neg e_{5,6}}$$

$$2259. \ \, \neg e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{4,6},\, \neg e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,3},\, e_{2,3}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,3},\, e_{2,3}} \lor t_{e_{4,6},\, \neg e_{5,6}}$$

$$2260. \ \neg e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{4,6},\, \neg e_{5,6}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5},\, e_{3,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor e_{3,5} \lor \neg t_{e_{3,5},\, e_{3,6}} \lor t_{e_{4,6},\, \neg e_{5,6}}$$

$$2261. \ \, \neg e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{4,6},\, \neg e_{5,6}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\, e_{3,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{3,5},\, e_{3,6}} \lor t_{e_{4,6},\, \neg e_{5,6}} \lor \neg e_{3,5}$$

$$2262. \ \, \neg e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{4,6},\, \neg e_{5,6}}, e_{3,6} \lor t_{e_{1,3},\, \neg e_{2,3}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{4,6},\, \neg e_{5,6}}$$

$$2263. \ \, \neg e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{4,6},\, \neg e_{5,6}}, e_{3,6} \lor t_{e_{1,3},\, \neg e_{2,3}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{e_{4,6},\, \neg e_{5,6}}$$

$$2264. \ \, \neg e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{4,6},\, \neg e_{5,6}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5},\, e_{3,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor e_{3,5} \lor \neg t_{e_{3,5},\, e_{3,6}} \lor t_{e_{4,6},\, \neg e_{5,6}} \lor e_{4,6}, e_{4,6},$$

$$2265. \ \, \neg e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{4,6},\, \neg e_{5,6}}, e_{3,6} \lor t_{e_{1,3},\, e_{2,3}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{4,6},\, \neg e_{5,6}} \lor t_{e_{1,3},\, e_{2,3}}$$

$$2266. \ \, \neg e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{4,6},\, \neg e_{5,6}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5},\, e_{3,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor e_{3,5} \lor \neg t_{e_{3,5},\, e_{3,6}} \lor t_{e_{4,6},\, \neg e_{5,6}}, e_{3,6} \lor e_{3,6}$$

$$2267. \ \neg e_{3,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5}, e_{3,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{3,5}, e_{3,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \lor \neg e_{3,5}$$

$$2268. \ \neg e_{3,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}}, e_{3,6} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \lor t_{e_{1,3}, e_{2,3}}$$

$$2269. \ \, \neg e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{4,6},\, \neg e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{4,6},\, e_{5,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, e_{5,6}} \lor t_{e_{4,6},\, \neg e_{5,6}} \lor t_{\neg e_{1,6},\, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,6},\, e_{2,6}}$$

$$2270. \ \neg e_{3,6} \lor t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{e_{4,6}, \, \neg e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{4,6}, \, \neg e_{5,6}} \vdash t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{e_{4,6}, \, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}$$

$$2271. \ \neg e_{3,6} \lor t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{e_{4,6}, \, \neg e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{\neg e_{4,6}, \, \neg e_{5,6}} \vdash t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{e_{4,6}, \, \neg e_{5,6}} \lor t_{\neg e_{4,6}, \, \neg e_{5,6$$

$$2272. \ \neg e_{3,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{4,6}, e_{5,6}} \vdash t_{e_{4,6}, e_{5,6}} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}}$$

$$2273. \ \, \neg e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{4,6},\, \neg e_{5,6}}, e_{3,6} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{4,6},\, \neg e_{5,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{4,6},\, \neg e_{5,6}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{4,6},\, \neg e_{5,6}}, e_{3,6} \lor t_{\neg e_{4,6},\, \neg e_{5,6}} \lor$$

$$2274. \ \, \neg e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{4,6},\, \neg e_{5,6}}, e_{3,6} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor t_{e_{4,6},\, e_{5,6}} \vdash t_{e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{4,6},\, \neg e_{5,6}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor t_{e_{4,6},\, \neg e_{5,6}} \lor t_{e_{4,6},\, \neg$$

$$2275. \ \neg e_{3,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}}, e_{3,6} \lor t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \lor t_{e_{1,6}, e_{2,6}} \lor t_$$

$$2276. \ \neg e_{3,6} \lor t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{e_{4,6}, \, \neg e_{5,6}}, e_{3,6} \lor t_{e_{1,6}, \, e_{2,6}} \lor t_{e_{4,6}, \, \neg e_{5,6}} \vdash t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{e_{4,6}, \, \neg e_{5,6}} \lor t_{e_{1,6}, \, e_{2,6}} \lor t_{e_{4,6}, \, \neg e_{5,6}} \lor t_{e_{4,6}, \, \neg e_{5,$$

$$2277. \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, e_{1,5} \lor e_{1,6} \lor \neg t_{e_{1,5}, e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, e_{1,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

$$2278. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{1,6} \lor t_{e_{1,2},\, e_{1,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$2279. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{1,6} \lor t_{e_{1,2},\, e_{1,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$2280. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{1,5} \lor e_{1,6} \lor \neg t_{\neg e_{1,5},\, e_{1,6}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e$$

$$2281. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{1,6} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,6},\, e_{2,6}} \lor e_{2,6} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$2282. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{1,5} \lor e_{1,6} \lor \neg t_{\neg e_{1,5},\, e_{1,6}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$2283. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{1,5} \lor e_{1,6} \lor \neg t_{e_{1,5},\, e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5},\, e_{1,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,6},\,$$

$$2284. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{1,6} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,6},\, e_{2,6}} \lor e_{2,6} \lor t_{e_{1,2},\, \neg e_{1,3}}$$

$$2285. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,2},\, e_{1,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$2286. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{1,5} \lor e_{1,6} \lor \neg t_{\neg e_{1,5},\, e_{1,6}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,6} \lor \neg e_{2,6}$$

$$2287. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{1,5} \lor e_{1,6} \lor \neg t_{e_{1,5},\, e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5},\, e_{1,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor e_{$$

$$2288. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,2},\, e_{1,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$2289. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{1,5} \lor e_{1,6} \lor \neg t_{e_{1,5},\, e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5},\, e_{1,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,6},\,$$

$$2290. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$2291. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$2292. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{1,5} \lor e_{1,6} \lor \neg t_{\neg e_{1,5},\, e_{1,6}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$2293. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,6} \lor \neg$$

$$2294. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash \neg e_{1,6} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$2295. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash \neg e_{1,6} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$2296. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \lor e_{2,5} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$2297. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$2298. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \lor e_{2,5} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{2,6} \lor \neg e_{2,6} \lor$$

$$2299. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,6} \lor \neg$$

$$2300. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$2301. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash \neg e_{1,6} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$2302. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \lor e_{2,5} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$2303. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,6} \lor \neg$$

$$2304. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash \neg e_{1,6} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$2305. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,6} \lor \neg$$

$$2306. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2},\, e_{2,3}} \vdash \neg e_{1,6} \lor t_{e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

2307.
$$\neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg e_{1,6} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

$$2308. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \lor e_{2,5} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{2,6} \lor \neg e_{2,6} \lor$$

$$2309. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,$$

$$2310. \ \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}} \vdash e_{2,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}$$

$$2311. \ \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_$$

$$2312. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash e_{2,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$2313. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,$$

$$2314. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash e_{2,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$2315. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,$$

$$2316. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash e_{2,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

2317.
$$\neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{1,6} \lor e_{4,6} \lor e_{2,6}$$

$$2318. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \vdash \neg e_{1,6} \lor \neg e_{5,6} \lor e_{2,6}$$

$$2319. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, e_{5,6}} \vdash \neg e_{3,6} \lor \neg e_{1,6} \lor t_{\neg e_{4,6},\, e_{5,6}} \lor e_{2,6}$$

$$2320. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \vdash \neg e_{1,6} \lor \neg e_{4,6} \lor e_{2,6}$$

2321.
$$\neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash e_{5,6} \lor \neg e_{1,6} \lor e_{2,6}$$

$$2322. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{4,6},\, \neg e_{5,6}} \vdash \neg e_{3,6} \lor \neg e_{1,6} \lor t_{e_{4,6},\, \neg e_{5,6}} \lor e_{2,6}$$

$$2323. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \vdash \neg e_{1,6} \lor e_{4,6} \lor e_{2,6}$$

$$2324. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \vdash e_{5,6} \lor \neg e_{1,6} \lor e_{2,6}$$

$$2325. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, \neg e_{5,6}} \vdash \neg e_{1,6} \lor t_{\neg e_{4,6},\, \neg e_{5,6}} \lor e_{3,6} \lor e_{2,6} \lor e_{3,6} \lor e_{2,6} \lor e_{3,6} \lor$$

2326.
$$\neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{1,6} \lor \neg e_{4,6} \lor e_{2,6}$$

2327.
$$\neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{1,6} \lor \neg e_{5,6} \lor e_{2,6}$$

$$2328. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{4,6},\, e_{5,6}} \vdash \neg e_{1,6} \lor t_{e_{4,6},\, e_{5,6}} \lor e_{3,6} \lor e_{2,6} \lor e_{2,6} \lor e_{3,6} \lor e_{3,6}$$

$$2329. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\, e_{2,6}} \vdash \neg t_{e_{1,6},\, e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$2330. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,6},\, e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$2331. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\, e_{2,6}} \vdash \neg t_{e_{1,6},\, e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$2332. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,6},\, e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$2333. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\, e_{2,6}} \vdash \neg t_{e_{1,6},\, e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$2334. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,6},\, e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$2335. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\, e_{2,6}} \vdash \neg t_{e_{1,6},\, e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$2336. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,6},\, e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$2337. \ e_{1,6} \lor t_{\lnot e_{1,6}, \, e_{2,6}}, \lnot e_{1,6} \lor t_{e_{1,2}, \, e_{1,3}} \vdash t_{e_{1,2}, \, e_{1,3}} \lor t_{\lnot e_{1,6}, \, e_{2,6}}$$

$$2338. \ e_{1,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{1,5} \lor \neg e_{1,6} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}}$$

$$2339. \ e_{1,6} \lor t_{\neg e_{1,6}, \, e_{2,6}}, e_{1,5} \lor \neg e_{1,6} \lor \neg t_{e_{1,5}, \, \neg e_{1,6}} \vdash e_{1,5} \lor t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg t_{e_{1,5}, \, \neg e_{1,6}}$$

2340.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

$$2341. \ e_{1,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{1,5} \lor \neg e_{1,6} \lor \neg t_{e_{1,5},\, \neg e_{1,6}} \vdash e_{1,5} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{1,5},\, \neg e_{1,6}}$$

$$2342. \ e_{1,6} \lor t_{\lnot e_{1,6},\, e_{2,6}}, \lnot e_{1,6} \lor t_{e_{1,2},\, \lnot e_{1,3}} \vdash t_{\lnot e_{1,6},\, e_{2,6}} \lor t_{e_{1,2},\, \lnot e_{1,3}}$$

2343.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2344. \ e_{1,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{1,5} \lor \neg e_{1,6} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}}$$

$$2345. \ e_{1,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{1,5} \lor \neg e_{1,6} \lor \neg t_{e_{1,5},\, \neg e_{1,6}} \vdash e_{1,5} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{1,5},\, \neg e_{1,6}}$$

2346.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, e_{1,3}}$$

$$2347. \ e_{1,6} \lor t_{\lnot e_{1,6},\, e_{2,6}}, \lnot e_{1,6} \lor t_{\lnot e_{1,2},\, e_{1,3}} \vdash t_{\lnot e_{1,6},\, e_{2,6}} \lor t_{\lnot e_{1,2},\, e_{1,3}}$$

$$2348. \ e_{1,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{1,5} \lor \neg e_{1,6} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}}$$

2349.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$2350. \ e_{1,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{1,5} \lor \neg e_{1,6} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}}$$

$$2351. \ e_{1,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{1,5} \lor \neg e_{1,6} \lor \neg t_{e_{1,5},\, \neg e_{1,6}} \vdash e_{1,5} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{1,5},\, \neg e_{1,6}}$$

2352.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$2353. \ e_{1,6} \lor t_{\neg e_{1,6}, \, e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$2354. \ e_{1,6} \lor t_{\neg e_{1,6}, \, e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$2355. \ e_{1,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e_{2,$$

$$2356. \ e_{1,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor \neg e_{2,6}$$

2357.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

2358.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

$$2359. \ e_{1,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor e_{2,6} \lor$$

2360.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

2361.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

2362.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

2363.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

2364.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

2365.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

2366.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

2367.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

- 2368. $e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$
- 2369. $\neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,6}, e_{2,6}}$
- 2370. $\neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{2,5}, e_{2,6}} \lor e_{2,5}$
- $2371. \ \, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$
- 2372. $\neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,6}, e_{2,6}}$
- 2373. $\neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}}$
- 2374. $\neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,6}, e_{2,6}}$
- 2375. $\neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,6}, e_{2,6}}$
- $2376. \ \, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{2,5},\, e_{2,6}} \lor e_{2,5}$
- $2377. \ \, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$
- $2378. \ \, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{2,6} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,6},\, e_{2,6}}$
- 2379. $\neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,6}, e_{2,6}}$
- $2380. \ \, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{2,5},\, e_{2,6}} \lor e_{2,5}$
- 2381. $\neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{2,6} \lor t_{e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,2},\, e_{2,3}}$
- $2382. \ \, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{2,5},\, e_{2,6}} \lor e_{2,5}$
- $2383. \ \, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$
- $2384. \ \, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{2,6} \lor t_{e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,2},\, e_{2,3}}$
- 2385. $\neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$
- 2386. $\neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$
- $2387. \ \, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,6},\, \neg e_{2,6}}$
- 2388. $\neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$
- $2389. \ \, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash \neg e_{1,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_$
- $2390. \ \, \neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$
- $2391. \ \, \neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$
- $2392. \ \, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash \neg e_{1,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_$
- $2393. \ \, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{2,6} \lor t_{e_{1,6},\, \neg e_{2,6}} \vdash t_{e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{1,6},\, e_{2,6}}$
- 2394. $\neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$

2395.
$$\neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

$$2396. \ \, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{2,6} \lor t_{e_{1,6},\, \neg e_{2,6}} \vdash t_{e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{1,6},\, e_{2,6}}$$

2397.
$$\neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6}$$

$$2398. \ \, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{1,6},\, e_{2,6}} \lor e_{1,6}$$

$$2399. \ \, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{1,6},\, e_{2,6}} \lor e_{1,6}$$

$$2400. \ \, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{1,6},\, e_{2,6}} \lor e_{1,6}$$

$$2401. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,4}, \neg e_{2,4}}$$

$$2402. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5},\, e_{4,6}} \vdash \neg e_{5,6} \lor e_{4,5} \lor \neg t_{e_{4,5},\, e_{4,6}} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}$$

$$2403. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5}, e_{4,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,5}, e_{4,6}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg e_{4,5} \lor \neg e_$$

$$2404. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,4}, \neg e_{2,4}}$$

$$2405. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5}, e_{4,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,5}, e_{4,6}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg e_{4,5}$$

$$2406. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,4}, e_{2,4}} \vdash \neg e_{5,6} \lor t_{\neg e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{$$

$$2407. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,4}, e_{2,4}} \vdash \neg e_{5,6} \lor t_{\neg e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{1,4}, e_{$$

$$2408. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5}, e_{4,6}} \vdash \neg e_{5,6} \lor e_{4,5} \lor \neg t_{e_{4,5}, e_{4,6}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}$$

$$2409. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5}, e_{4,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,5}, e_{4,6}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg e_{4,5}$$

$$2410. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{e_{1,4}, \neg e_{2,4}} \vdash t_{e_{1,4}, \neg e_{2,4}} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg$$

$$2411. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{e_{1,4}, \neg e_{2,4}} \vdash t_{e_{1,4}, \neg e_{2,4}} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg$$

$$2412. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5}, e_{4,6}} \vdash \neg e_{5,6} \lor e_{4,5} \lor \neg t_{e_{4,5}, e_{4,6}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}$$

$$2413. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \vdash \neg e_{5,6} \lor t_{e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor$$

$$2414. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5},\, e_{4,6}} \vdash \neg e_{5,6} \lor e_{4,5} \lor \neg t_{e_{4,5},\, e_{4,6}} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}}$$

$$2415. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5}, e_{4,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,5}, e_{4,6}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg e_{4,5}$$

$$2416. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \vdash \neg e_{5,6} \lor t_{e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor$$

$$2417. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash t_{\neg e_{1,5}, \neg e_{2,5}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor \neg e_{4,6} \lor \neg e_{4,6} \lor \neg e_{4,6} \lor \neg e_{5,6} \lor e$$

$$2418. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5},\, e_{5,6}} \vdash e_{4,5} \lor \neg t_{e_{4,5},\, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}}, e_{4,6} \lor \neg t_{\neg e_{4,6}$$

$$2419. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5}, e_{5,6}} \vdash \neg t_{\neg e_{4,5}, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg e_{4,5}$$

$$2420. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash t_{\neg e_{1,5}, \neg e_{2,5}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor \neg e_{5,6} \lor \neg e_{5,6$$

$$2421. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5}, e_{5,6}} \vdash \neg t_{\neg e_{4,5}, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg e_{4,5} \lor \neg e_$$

$$2422. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,5}, \, e_{2,5}} \vdash \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \, \neg e_{5,6}} \lor t_{\neg e_{1,5}, \, e_{2,5}}$$

$$2423. \ \, \neg e_{4,6} \vee \neg e_{5,6} \vee \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \vee t_{\neg e_{1,5}, \, e_{2,5}} \vdash \neg e_{4,6} \vee \neg t_{\neg e_{4,6}, \neg e_{5,6}} \vee t_{\neg e_{1,5}, \, e_{2,5}}$$

$$2424. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5}, e_{5,6}} \vdash e_{4,5} \lor \neg t_{e_{4,5}, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6}$$

$$2425. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5}, e_{5,6}} \vdash \neg t_{\neg e_{4,5}, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg e_{4,5} \lor \neg e_$$

$$2426. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{e_{1,5}, \neg e_{2,5}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{e_{1,5}, \neg e_{2,5}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{e_{1,5}, \neg e_{2,5}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{e_{1,5}, \neg e_{2,5}} \lor \neg e_{4,6} \lor \neg e_{5,6} \lor e_{5,6}$$

$$2427. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{e_{1,5}, \neg e_{2,5}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{e_{1,5}, \neg e_{2,5}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{e_{1,5}, \neg e_{2,5}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{e_{1,5}, \neg e_{2,5}} \lor \neg e_{4,6} \lor \neg e_{4,6} \lor \neg e_{4,6} \lor \neg e_{4,6} \lor \neg e_{5,6} \lor e$$

$$2428. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5},\, e_{5,6}} \vdash e_{4,5} \lor \neg t_{e_{4,5},\, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}}, e_{4,6} \lor \neg t_{\neg e_{4,6}$$

$$2429. \ \, \neg e_{4,6} \vee \neg e_{5,6} \vee \neg t_{\neg e_{4,6},\, \neg e_{5,6}}, e_{5,6} \vee t_{e_{1,5},\, e_{2,5}} \vdash t_{e_{1,5},\, e_{2,5}} \vee \neg e_{4,6} \vee \neg t_{\neg e_{4,6},\, \neg e_{5,6}}$$

$$2430. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5},\, e_{5,6}} \vdash e_{4,5} \lor \neg t_{e_{4,5},\, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}$$

$$2431. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5}, e_{5,6}} \vdash \neg t_{\neg e_{4,5}, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg e_{4,5}$$

$$2432. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{e_{1,5}, e_{2,5}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}$$

$$2433. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$2434. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$2435. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, \neg e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \vdash \neg e_{3,6} \lor \neg e_{5,6} \lor \neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{5,6} \lor \neg e_$$

$$2436. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \vdash \neg t_{\neg e_{4,6}, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg e_{5,6} \lor \neg e_$$

$$2437. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$2438. \ \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor \neg t_$$

$$2439. \ \, \neg e_{4,6} \vee \neg e_{5,6} \vee \neg t_{\neg e_{4,6},\, \neg e_{5,6}}, e_{5,6} \vee t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash \neg e_{4,6} \vee \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \vee t_{\neg e_{1,6},\, \neg e_{2,6}}$$

$$2440. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \vdash \neg t_{\neg e_{4,6}, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg e_{5,6} \lor \neg e_$$

$$2441. \ \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}$$

$$2442. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg t_{\neg e$$

$$2443. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, e_{5,6} \lor \neg t_{\neg e_{1,6}, e_{$$

$$2444. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg e_{5,6}$$

$$2445. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,6}, e_{$$

$$2446. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor \neg e_{5,6} \lor \neg e_{4,6} \lor e_{3,6}$$

$$2447. \ \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \vdash \neg t_{\neg e_{4,6}, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg e_{5,6} \lor \neg e_{5,$$

$$2448. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash \neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}$$

$$2449. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6},\, \neg e_{5,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \lor \neg t_{e_{4,6},\, \neg e_{5,6}} \lor \neg t_{e_{4,6}$$

$$2450. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}$$

$$2451. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash \neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor t_{e_{1,6}, \neg e_{$$

$$2452. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{4,6} \lor \neg e_{4,6} \lor \neg e_{4,6}, e_{5,6} \lor e$$

$$2453. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \vdash \neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{4,6} \lor e_{3,6} \lor$$

$$2454. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{e_{1,6}, e_{2,6}}$$

$$2455. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \vdash \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{e_{1,6}, e_{2,6}}$$

$$2456. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, \neg e_{3,6} \lor t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \vdash \neg e_{3,6} \lor \neg e_{5,6} \lor \neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \lor \neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \lor \neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \lor \neg e_{4,6} \lor \neg$$

$$2457. \ \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \vdash \neg t_{\neg e_{4,6}, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg t_{\neg e_{4$$

$$2458. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{e_{1,6}, \, e_{2,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \, \neg e_{5,6}} \lor t_{e_{1,6}, \, e_{2,6}}$$

$$2459. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6},\, \neg e_{5,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \lor \neg t_{e_{4,6},\, \neg e_{5,6}} \lor \neg t_{e_{4,6}$$

$$2460. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \vdash \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{e_{1,6}, e_{2,6}}$$

$$2461. \ e_{4,6} \lor t_{\neg e_{1,6}, \, e_{2,6}}, \neg e_{4,5} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,5}, \, \neg e_{4,6}} \vdash t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg t_{\neg e_{4,5}, \, \neg e_{4,6}} \lor \neg e_{4,5}$$

2462.
$$e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,4}, \neg e_{2,4}}$$

2463.
$$e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,4}, \neg e_{2,4}}$$

$$2464. \ e_{4,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{4,5} \lor \neg e_{4,6} \lor \neg t_{e_{4,5},\, \neg e_{4,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor e_{4,5} \lor \neg t_{e_{4,5},\, \neg e_{4,6}}$$

2465.
$$e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4}, e_{2,4}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,4}, e_{2,4}}$$

$$2466. \ e_{4,6} \lor t_{\neg e_{1,6}, \, e_{2,6}}, e_{4,5} \lor \neg e_{4,6} \lor \neg t_{e_{4,5}, \, \neg e_{4,6}} \vdash t_{\neg e_{1,6}, \, e_{2,6}} \lor e_{4,5} \lor \neg t_{e_{4,5}, \, \neg e_{4,6}}$$

$$2467. \ e_{4,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{4,5} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,5},\, \neg e_{4,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{4,5},\, \neg e_{4,6}} \lor \neg e_{4,5}$$

2468.
$$e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4}, e_{2,4}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,4}, e_{2,4}}$$

2469.
$$e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,4}, \neg e_{2,4}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,4}, \neg e_{2,4}}$$

$$2470. \ e_{4,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{4,5} \lor \neg e_{4,6} \lor \neg t_{e_{4,5},\, \neg e_{4,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor e_{4,5} \lor \neg t_{e_{4,5},\, \neg e_{4,6}}$$

$$2471. \ e_{4,6} \lor t_{\neg e_{1,6}, \, e_{2,6}}, \neg e_{4,5} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,5}, \, \neg e_{4,6}} \vdash t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg t_{\neg e_{4,5}, \, \neg e_{4,6}} \lor \neg e_{4,5}$$

2472.
$$e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,4}, \neg e_{2,4}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,4}, \neg e_{2,4}}$$

$$2473. \ e_{4,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{4,5} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,5},\, \neg e_{4,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{4,5},\, \neg e_{4,6}} \lor \neg e_{4,5}$$

2474.
$$e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,4}, e_{2,4}}$$

2475.
$$e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,4}, e_{2,4}}$$

$$2476. \ e_{4,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{4,5} \lor \neg e_{4,6} \lor \neg t_{e_{4,5},\, \neg e_{4,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor e_{4,5} \lor \neg t_{e_{4,5},\, \neg e_{4,6}}$$

$$2477. \ e_{4,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}}$$

$$2478. \ e_{4,6} \lor t_{\lnot e_{1,6}, \, e_{2,6}}, \lnot e_{4,6} \lor t_{\lnot e_{1,6}, \, \lnot e_{2,6}} \vdash t_{\lnot e_{1,6}, \, e_{2,6}} \lor t_{\lnot e_{1,6}, \, \lnot e_{2,6}}$$

$$2479. \ e_{4,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{2,6},\, e_{2,6}} \lor t_{\neg e_{2,6},\,$$

2480.
$$e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$2481. \ e_{4,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,6},\, e_{2,6}}$$

2482.
$$e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}}$$

$$2483. \ e_{4,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \lor \neg t_{\neg e_{4,6},\, \neg$$

2484.
$$e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}}$$

$$2485. \ e_{4,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{2,6},\, e_{2,6}} \lor t_{\neg e_{2,6},\,$$

2486.
$$e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, \neg e_{2,6}}$$

$$2487. \ e_{4,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \lor \neg t_{\neg e_{4,6},\, \neg$$

2488.
$$e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, \neg e_{2,6}}$$

$$2489. \ e_{4,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \lor \neg e_{5,6} \lor \neg e_{5,$$

$$2490. \ e_{4,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,6},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,6},\, e_{2,6}}$$

$$2491. \ e_{4,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{2,6},\, e_{2,6}} \lor t_{\neg e_{2,6},\,$$

2492.
$$e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, e_{2,6}}$$

$$2493. \ e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{4,5} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,5},\, \neg e_{5,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{4,5},\, \neg e_{5,6}} \lor \neg e_{4,5}$$

$$2494. \ e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5},\, \neg e_{2,5}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,5},\, \neg e_{2,5}}$$

2495.
$$e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,5}, \neg e_{2,5}}$$

$$2496. \ e_{5,6} \lor t_{\neg e_{1,6}, \, e_{2,6}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \, \neg e_{5,6}} \vdash t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg t_{e_{4,5}, \, \neg e_{5,6}} \lor e_{4,5}$$

$$2497. \ e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,5},\, e_{2,5}}$$

$$2498. \ e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5},\, \neg e_{5,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{4,5},\, \neg e_{5,6}} \lor e_{4,5}$$

$$2499. \ e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{4,5} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,5},\, \neg e_{5,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{4,5},\, \neg e_{5,6}} \lor \neg e_{4,5}$$

$$2500. \ e_{5,6} \lor t_{\lnot e_{1,6},\, e_{2,6}}, \lnot e_{5,6} \lor t_{\lnot e_{1,5},\, e_{2,5}} \vdash t_{\lnot e_{1,6},\, e_{2,6}} \lor t_{\lnot e_{1,5},\, e_{2,5}}$$

2501.
$$e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

$$2502. \ e_{5,6} \lor t_{\neg e_{1,6}, \, e_{2,6}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \, \neg e_{5,6}} \vdash t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg t_{e_{4,5}, \, \neg e_{5,6}} \lor e_{4,5}$$

$$2503. \ e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{4,5} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,5}, \neg e_{5,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{4,5}, \neg e_{5,6}} \lor \neg e_{4,5}$$

$$2504. \ e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,5},\, \neg e_{2,5}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor t_{\neg e_{1,6},\, e_{2,6}}$$

$$2505. \ e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{4,5} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,5},\, \neg e_{5,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{4,5},\, \neg e_{5,6}} \lor \neg e_{4,5}$$

$$2506. \ \ e_{5,6} \lor t_{\lnot e_{1,6},\, e_{2,6}}, \lnot e_{5,6} \lor t_{e_{1,5},\, e_{2,5}} \vdash t_{\lnot e_{1,6},\, e_{2,6}} \lor t_{e_{1,5},\, e_{2,5}}$$

2507.
$$e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,5}, e_{2,5}}$$

$$2508. \ e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5},\, \neg e_{5,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{4,5},\, \neg e_{5,6}} \lor e_{4,5}$$

$$2509. \ e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \lor \neg e_{4,6} \lor \neg e_{4,6} \lor \neg e_{4,6}, \neg e_{5,6} \lor \neg e_{4,6} \lor \neg e_{4,6$$

2510.
$$e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

2511.
$$e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$2512. \ e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6},\, \neg e_{5,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor e_{4,6} \lor \neg t_{e_{4,6},\, \neg e_{5,6}}$$

2513.
$$e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}}$$

$$2514. \ e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6},\, \neg e_{5,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor e_{4,6} \lor \neg t_{e_{4,6},\, \neg e_{5,6}}$$

$$2515. \ e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}}$$

2516.
$$e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}}$$

2517.
$$e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

$$2518. \ e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6},\, \neg e_{5,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor e_{4,6} \lor \neg t_{e_{4,6},\, \neg e_{5,6}} \lor e_{4,6} \lor e_{4,6} \lor \neg t_{e_{4,6},\, \neg e_{5,6}} \lor e_{4,6} \lor \neg t_{e_{4,6},\, \neg e_{5,6}} \lor e_{4,6} \lor e_{$$

$$2519. \ \ e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \lor \neg e_{4,6} \lor \neg e_{4,6} \lor \neg e_{4,6}, \neg e_{5,6} \lor \neg e_{4,6} \lor \neg e_{4,6} \lor \neg e_{4,6}, \neg e_{5,6} \lor \neg e_{4,6} \lor \neg e_{4,6}, \neg e_{5,6} \lor \neg e_{4,6} \lor \neg e_{4,6} \lor \neg e_{4,6}, \neg e_{5,6} \lor \neg e_{4,6} \lor \neg e_{4,6}, \neg e_{5,6} \lor \neg e_{4,6} \lor \neg e_{4,6}$$

2520.
$$e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

$$2521. \ e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \lor \neg e_{4,6} \lor \neg e_{4,6} \lor \neg e_{4,6}, \neg e_{5,6} \lor \neg e_{4,6} \lor \neg e_{4,6$$

2522.
$$e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, e_{2,6}}$$

2523.
$$e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, e_{2,6}}$$

$$2524. \ e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6},\, \neg e_{5,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor e_{4,6} \lor \neg t_{e_{4,6},\, \neg e_{5,6}}$$

$$2525. \ e_{3,6} \lor t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{\neg e_{4,6}, \, \neg e_{5,6}}, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \, \neg e_{3,6}} \vdash t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg t_{\neg e_{3,5}, \, \neg e_{3,6}} \lor t_{\neg e_{4,6}, \, \neg e_{5,6}} \lor \neg e_{3,5}$$

$$2526. \ e_{3,6} \lor t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{\neg e_{4,6}, \, \neg e_{5,6}}, \neg e_{3,6} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}} \vdash t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor t_{\neg e_{4,6}, \, \neg e_{5,6}}$$

$$2527. \ e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, \neg e_{5,6}}, \neg e_{3,6} \lor t_{\neg e_{1,3},\, \neg e_{2,3}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{4,6},\, \neg e_{5,6}}$$

$$2528. \ e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, \neg e_{5,6}}, e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5},\, \neg e_{3,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor e_{3,5} \lor t_{\neg e_{4,6},\, \neg e_{5,6}} \lor \neg t_{e_{3,5},\, \neg e_{3,6}} \lor \neg t_{e_{3,5$$

$$2529. \ e_{3,6} \lor t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{\neg e_{4,6}, \, \neg e_{5,6}}, \neg e_{3,6} \lor t_{\neg e_{1,3}, \, e_{2,3}} \vdash t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor t_{\neg e_{4,6}, \, \neg e_{5,6}}$$

- $2530. \ e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, \neg e_{5,6}}, e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5},\, \neg e_{3,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor e_{3,5} \lor t_{\neg e_{4,6},\, \neg e_{5,6}} \lor \neg t_{e_{3,5},\, \neg e_{3,6}} \lor \neg t_{e_{3,5$
- $2531. \ e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, \neg e_{5,6}}, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5},\, \neg e_{3,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{3,5},\, \neg e_{3,6}} \lor t_{\neg e_{4,6},\, \neg e_{5,6}} \lor \neg e_{3,5} \lor \neg e_{3,5} \lor \neg e_{3,6} \lor \neg e_{3,5} \lor \neg e_{3,6} \lor$
- $2532. \ e_{3,6} \lor t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{\neg e_{4,6}, \, \neg e_{5,6}}, \neg e_{3,6} \lor t_{\neg e_{1,3}, \, e_{2,3}} \vdash t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor t_{\neg e_{4,6}, \, \neg e_{5,6}}$
- $2533. \ e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, \neg e_{5,6}}, \neg e_{3,6} \lor t_{e_{1,3},\, \neg e_{2,3}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{4,6},\, \neg e_{5,6}}$
- $2534. \ e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, \neg e_{5,6}}, e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5},\, \neg e_{3,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor e_{3,5} \lor t_{\neg e_{4,6},\, \neg e_{5,6}} \lor \neg t_{e_{3,5},\, \neg e_{3,6}} \lor \neg t_{e_{3,5$
- $2535. \ \ e_{3,6} \lor t_{\neg e_{1,6}, \ e_{2,6}} \lor t_{\neg e_{4,6}, \ \neg e_{5,6}}, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \ \neg e_{3,6}} \vdash t_{\neg e_{1,6}, \ e_{2,6}} \lor \neg t_{\neg e_{3,5}, \ \neg e_{3,6}} \lor t_{\neg e_{4,6}, \ \neg e_{5,6}} \lor \neg e_{3,5} \lor \neg e$
- $2536. \ \ e_{3,6} \lor t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{\neg e_{4,6}, \, \neg e_{5,6}}, \neg e_{3,6} \lor t_{e_{1,3}, \, \neg e_{2,3}} \vdash t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{e_{1,3}, \, \neg e_{2,3}} \lor t_{\neg e_{4,6}, \, \neg e_{5,6}}$
- $2537. \ \ e_{3,6} \lor t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{\neg e_{4,6}, \, \neg e_{5,6}}, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \, \neg e_{3,6}} \vdash t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg t_{\neg e_{3,5}, \, \neg e_{3,6}} \lor t_{\neg e_{4,6}, \, \neg e_{5,6}} \lor \neg e_{3,5} \lor \neg e$
- $2538. \ \ e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, \neg e_{5,6}}, \neg e_{3,6} \lor t_{e_{1,3},\, e_{2,3}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, \neg e_{5,6}} \lor t_{e_{1,3},\, e_{2,3}}$
- $2539. \ e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, \neg e_{5,6}}, \neg e_{3,6} \lor t_{e_{1,3},\, e_{2,3}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, \neg e_{5,6}} \lor t_{e_{1,3},\, e_{2,3}}$
- $2540. \ \ e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, \neg e_{5,6}}, e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5},\, \neg e_{3,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor e_{3,5} \lor t_{\neg e_{4,6},\, \neg e_{5,6}} \lor \neg t_{e_{3,5},\, \neg e_{3,6}} \lor \neg t_{e_{3$
- $2541. \ e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, \neg e_{5,6}}, \neg e_{3,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{4,6},\, \neg e_{5,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, \neg e_{5,6}} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \lor t_{$
- $2542. \ e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,6},\, \neg e_{5,6}}, \neg e_{3,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \lor t_{e_{4,6},\, e_{5,6}} \vdash t_{e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, \neg e_{5,6}} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_$
- $2543. \ e_{3,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}}, \neg e_{3,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \lor$
- $2544. \ e_{3,6} \lor t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{\neg e_{4,6}, \, \neg e_{5,6}}, \neg e_{3,6} \lor t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{e_{4,6}, \, \neg e_{5,6}} \vdash t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{e_{4,6}, \, \neg e_{5,6}} \lor t_{\neg e_{4,6}, \, \neg e_{5,6$
- $2545. \ \ e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, \neg e_{5,6}}, \neg e_{3,6} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{4,6},\, e_{5,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, e_{5,6}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{4,6},\, \neg e_{5,6}} \lor t_{\neg e_{4$
- $2546. \ \ e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, \neg e_{5,6}}, \neg e_{3,6} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor t_{e_{4,6},\, \neg e_{5,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{4,6},\, \neg e_{5,6}} \lor t_{e_{4,6},\, \neg e_{5,6}} \lor t_{\neg e_{4,6},\, \neg e_{5,6}} \lor t_{\neg e_{4$
- $2547. \ e_{3,6} \lor t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{\neg e_{4,6}, \, \neg e_{5,6}}, \neg e_{3,6} \lor t_{e_{1,6}, \, e_{2,6}} \lor t_{\neg e_{4,6}, \, \neg e_{5,6}} \vdash t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{\neg e_{4,6}, \, \neg e_{5,6}} \lor t_{e_{1,6}, \, e_{2,6}} \lor$
- $2548. \ e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,6},\, \neg e_{5,6}}, \neg e_{3,6} \lor t_{e_{1,6},\, e_{2,6}} \lor t_{e_{4,6},\, e_{5,6}} \vdash t_{e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, \neg e_{5,6}} \lor t_{e_{1,6},\, e_{2,6}} \lor t_{e_{1,6},$
- $2549. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, e_{1,5} \lor e_{1,6} \lor \neg t_{e_{1,5}, e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, e_{1,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$
- 2550. $\neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, e_{1,6} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$
- $2551. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{1,6} \lor t_{e_{1,2},\, e_{1,3}} \vdash t_{e_{1,2},\, e_{1,3}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$
- $2552. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{1,5} \lor e_{1,6} \lor \neg t_{\neg e_{1,5},\, e_{1,6}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$
- $2553. \ \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,6}, e_{2,6}} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}}$
- $2554. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{1,5} \lor e_{1,6} \lor \neg t_{\neg e_{1,5},\, e_{1,6}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e$
- $2555. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{1,5} \lor e_{1,6} \lor \neg t_{e_{1,5},\, e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5},\, e_{1,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$
- $2556. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{1,6} \lor t_{e_{1,2},\, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,6},\, e_{2,6}} \lor e_{2,6} \lor t_{e_{1,2},\, \neg e_{1,3}}$

- $2557. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,2},\, e_{1,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$
- $2558. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{1,5} \lor e_{1,6} \lor \neg t_{\neg e_{1,5},\, e_{1,6}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e$
- $2559. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{1,5} \lor e_{1,6} \lor \neg t_{e_{1,5},\, e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5},\, e_{1,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,6},\,$
- $2560. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,2},\, e_{1,3}} \vdash t_{\neg e_{1,2},\, e_{1,3}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$
- $2561. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{1,5} \lor e_{1,6} \lor \neg t_{e_{1,5},\, e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5},\, e_{1,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,6},\,$
- $2562. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$
- $2563. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash t_{\neg e_{1,2},\, \neg e_{1,3}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$
- $2564. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{1,5} \lor e_{1,6} \lor \neg t_{\neg e_{1,5},\, e_{1,6}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, e_{1,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e$
- $2565. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,6} \lor \neg$
- $2566. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash \neg e_{1,6} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$
- $2567. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash \neg e_{1,6} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$
- $2568. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \lor e_{2,5} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{2,6} \lor \neg e_{2,6} \lor$
- $2569. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$
- $2570. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \lor e_{2,5} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{2,6} \lor \neg e_{2,6} \lor$
- $2571. \ \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, \neg e_{2,6} \lor \neg e_{2,6} \lor$
- $2572. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash \neg e_{1,6} \lor t_{\neg e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$
- $2573. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash \neg e_{1,6} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$
- $2574. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \lor e_{2,5} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{2,6} \lor \neg e_{2,6} \lor$
- $2575. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{2,5},\, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,6} \lor \neg$
- $2576. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash \neg e_{1,6} \lor t_{e_{1,2},\, \neg e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$
- $2577. \ \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, \neg e_{2,6} \lor \neg e_{2,6} \lor$
- $2578. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2},\, e_{2,3}} \vdash \neg e_{1,6} \lor t_{e_{1,2},\, e_{2,3}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$
- $2579. \ \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg e_{1,6} \lor t_{e_{1,2}, e_{2,3}} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$
- $2580. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{e_{2,5},\, \neg e_{2,6}} \lor e_{2,5} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{2,6} \lor \neg e_{2,6} \lor$
- $2581. \ \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_$
- $2582. \ \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}} \vdash e_{2,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \, e_{2,6}}$
- $2583. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,$

$$2584. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash e_{2,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$2585. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,$$

$$2586. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash e_{2,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{2,6} \lor \neg t_{\neg e_{1$$

$$2587. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash \neg e_{1,6} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,$$

$$2588. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash e_{2,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$2589. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \vdash \neg e_{1,6} \lor e_{4,6} \lor e_{2,6}$$

$$2590. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \vdash \neg e_{1,6} \lor \neg e_{5,6} \lor e_{2,6}$$

$$2591. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, e_{5,6}} \vdash \neg e_{3,6} \lor \neg e_{1,6} \lor t_{\neg e_{4,6},\, e_{5,6}} \lor e_{2,6}$$

2592.
$$\neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{1,6} \lor \neg e_{4,6} \lor e_{2,6}$$

$$2593. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \vdash e_{5,6} \lor \neg e_{1,6} \lor e_{2,6}$$

$$2594. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{4,6},\, \neg e_{5,6}} \vdash \neg e_{3,6} \lor \neg e_{1,6} \lor t_{e_{4,6},\, \neg e_{5,6}} \lor e_{2,6}$$

$$2595. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \vdash \neg e_{1,6} \lor e_{4,6} \lor e_{2,6}$$

2596.
$$\neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash e_{5,6} \lor \neg e_{1,6} \lor e_{2,6}$$

$$2597. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, \neg e_{5,6}} \vdash \neg e_{1,6} \lor t_{\neg e_{4,6},\, \neg e_{5,6}} \lor e_{3,6} \lor e_{2,6}$$

$$2598. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \vdash \neg e_{1,6} \lor \neg e_{4,6} \lor e_{2,6}$$

$$2599. \ \, \neg e_{1,6} \vee e_{2,6} \vee \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{5,6} \vee t_{\neg e_{1,6},\, e_{2,6}} \vdash \neg e_{1,6} \vee \neg e_{5,6} \vee e_{2,6}$$

$$2600. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{4,6},\, e_{5,6}} \vdash \neg e_{1,6} \lor t_{e_{4,6},\, e_{5,6}} \lor e_{3,6} \lor e_{2,6}$$

$$2601. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\, e_{2,6}} \vdash \neg t_{e_{1,6},\, e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$2602. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,6},\, e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6$$

$$2603. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\, e_{2,6}} \vdash \neg t_{e_{1,6},\, e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$2604. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,6},\, e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$2605. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\, e_{2,6}} \vdash \neg t_{e_{1,6},\, e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$2606. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,6},\, e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$2607. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\, e_{2,6}} \vdash \neg t_{e_{1,6},\, e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$2608. \ \, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,6},\, e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,6} \lor \neg t_{\neg e_{1,$$

2609.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

$$2610. \ e_{1,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{1,5} \lor \neg e_{1,6} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}}$$

2611.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg e_{1,6} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \vdash e_{1,5} \lor t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}}$$

2612.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

2613.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg e_{1,6} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \vdash e_{1,5} \lor t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}}$$

2614.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

2615.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2616. \ e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,5} \lor \neg e_{1,6} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}}$$

$$2617. \ e_{1,6} \lor t_{\neg e_{1,6}, \, e_{2,6}}, e_{1,5} \lor \neg e_{1,6} \lor \neg t_{e_{1,5}, \, \neg e_{1,6}} \vdash e_{1,5} \lor t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg t_{e_{1,5}, \, \neg e_{1,6}}$$

2618.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, e_{1,3}}$$

2619.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, e_{1,3}}$$

$$2620. \ e_{1,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{1,5} \lor \neg e_{1,6} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}}$$

2621.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$2622. \ e_{1,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{1,5} \lor \neg e_{1,6} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\, \neg e_{1,6}}$$

$$2623. \ e_{1,6} \lor t_{\neg e_{1,6}, \, e_{2,6}}, e_{1,5} \lor \neg e_{1,6} \lor \neg t_{e_{1,5}, \, \neg e_{1,6}} \vdash e_{1,5} \lor t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg t_{e_{1,5}, \, \neg e_{1,6}}$$

$$2624. \ e_{1,6} \lor t_{\lnot e_{1,6},\, e_{2,6}}, \lnot e_{1,6} \lor t_{\lnot e_{1,2},\, \lnot e_{1,3}} \vdash t_{\lnot e_{1,6},\, e_{2,6}} \lor t_{\lnot e_{1,2},\, \lnot e_{1,3}}$$

$$2625. \ e_{1,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e_{2,$$

$$2626. \ e_{1,6} \lor t_{\neg e_{1,6}, \, e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e$$

$$2627. \ e_{1,6} \lor t_{\neg e_{1,6}, \, e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg t_{\neg e_{1,6}, \, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$2628. \ e_{1,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,6},\, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$2629. \ e_{1,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$2630. \ e_{1,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

2631.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

$$2632. \ e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

2633.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

2634.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

$$2635. \ e_{1,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6},\, \neg e_{2,6}} \vdash t_{e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{1,6},\, e_{2,6}}$$

2636.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

2637.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

2638.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

2639.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

2640.
$$e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

2641.
$$\neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

$$2642. \ \, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{2,5},\, e_{2,6}} \lor e_{2,5}$$

$$2643. \ \, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$$

$$2644. \ \, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2},\, \neg e_{2,3}} \vdash t_{\neg e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,6},\, e_{2,6}}$$

$$2645. \ \, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$$

$$2646. \ \, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2},\, e_{2,3}} \vdash t_{\neg e_{1,2},\, e_{2,3}} \lor t_{\neg e_{1,6},\, e_{2,6}}$$

2647.
$$\neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

$$2648. \ \, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{2,5},\, e_{2,6}} \lor e_{2,5}$$

$$2649. \ \, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$$

2650.
$$\neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

$$2651. \ \, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{2,6} \lor t_{e_{1,2},\, \neg e_{2,3}} \vdash t_{e_{1,2},\, \neg e_{2,3}} \lor t_{\neg e_{1,6},\, e_{2,6}}$$

$$2652. \ \, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{2,5},\, e_{2,6}} \lor e_{2,5}$$

2653.
$$\neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}$$

$$2654. \ \, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{2,5},\, e_{2,6}} \lor e_{2,5}$$

$$2655. \ \, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5},\, e_{2,6}}$$

2656.
$$\neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}$$

2657.
$$\neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

2658.
$$\neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$2659. \ \, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,6},\, \neg e_{2,6}}$$

$$2660. \ \, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,6},\, \neg e_{2,6}}$$

$$2661. \ \, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash \neg e_{1,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

$$2662. \ \, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash \neg e_{1,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_$$

$$2663. \ \, \neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

$$2664. \ \, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\, e_{2,6}} \vdash \neg e_{1,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{1,6},\, e_{2,6}}$$

2665.
$$\neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

2666.
$$\neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

2667.
$$\neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

2668.
$$\neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

2669.
$$\neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6}$$

$$2670. \ \, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{1,6},\, e_{2,6}} \lor e_{1,6}$$

2671.
$$\neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6}$$

$$2672. \ \, \neg e_{2,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{1,6},\, e_{2,6}} \lor e_{1,6}$$

$$2673. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,5} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{4,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{4,6}} \lor \neg e_{4,5} \lor \neg t_{e_{4,6},\,e_{5,6}} \lor \neg e_{4,6} \lor \neg e$$

$$2674. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4},\neg e_{2,4}} \vdash e_{5,6} \lor t_{\neg e_{1,4},\neg e_{2,4}} \lor \neg t_{e_{4,6},e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4},\neg e_{2,4}} \lor \neg t_{e_{4,6},e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4},\neg e_{2,4}} \lor \neg t_{e_{4,6},e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4},\neg e_{2,4}} \lor \neg t_{e_{4,6},e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4},\neg e_{2,4}} \lor \neg t_{e_{4,6},e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4},\neg e_{2,4}} \lor \neg t_{e_{4,6},e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4},\neg e_{2,4}} \lor \neg t_{e_{4,6},e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4},\neg e_{2,4}} \lor \neg t_{e_{4,6},e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4},\neg e_{2,4}} \lor \neg t_{e_{4,6},e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4},\neg e_{2,4}} \lor \neg t_{e_{4,6},e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4},\neg e_{2,4}} \lor \neg t_{e_{4,6},e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4},\neg e_{2,4}} \lor \neg t_{e_{4,6},e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4},\neg e_{2,4}} \lor \neg t_{e_{4,6},e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4},\neg e_{2,4}} \lor \neg t_{e_{4,6},e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4},\neg e_{2,4}} \lor \neg t_{e_{4,6},e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{5,6},e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{5,6},e_$$

2675.
$$e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \vdash e_{5,6} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \lor \neg t_{e_{4,6}, e_{5,6}}$$

$$2676. \ \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, e_{4,5} \lor \neg e_{4,6} \lor \neg t_{e_{4,5},\,\neg e_{4,6}} \vdash e_{5,6} \lor e_{4,5} \lor \neg t_{e_{4,5},\,\neg e_{4,6}} \lor \neg t_{e_{4,6},\,e_{5,6}} \lor \neg t_{e_{4,6},\,e_{5,$$

$$2677. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4},e_{2,4}} \vdash e_{5,6} \lor t_{\neg e_{1,4},e_{2,4}} \lor \neg t_{e_{4,6},e_{5,6}}$$

$$2678. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},e_{5,6}}, e_{4,5} \lor \neg e_{4,6} \lor \neg t_{e_{4,5},\neg e_{4,6}} \vdash e_{5,6} \lor e_{4,5} \lor \neg t_{e_{4,5},\neg e_{4,6}} \lor \neg t_{e_{4,6},e_{5,6}} \lor \neg t$$

$$2679. \ \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,5} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{4,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{4,6}} \lor \neg e_{4,5} \lor \neg t_{e_{4,6},\,e_{5,6}} \lor \neg e_{4,6} \lor \neg$$

$$2680. \ \ e_{4,6} \lor e_{5,6} \lor \lnot t_{e_{4,6},\,e_{5,6}}, \lnot e_{4,6} \lor t_{\lnot e_{1,4},\,e_{2,4}} \vdash e_{5,6} \lor t_{\lnot e_{1,4},\,e_{2,4}} \lor \lnot t_{e_{4,6},\,e_{5,6}}$$

$$2681. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},e_{5,6}}, \neg e_{4,6} \lor t_{e_{1,4},\neg e_{2,4}} \vdash e_{5,6} \lor t_{e_{1,4},\neg e_{2,4}} \lor \neg t_{e_{4,6},e_{5,6}}$$

$$2682. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}}, e_{4,5} \lor \neg e_{4,6} \lor \neg t_{e_{4,5}, \neg e_{4,6}} \vdash e_{5,6} \lor e_{4,5} \lor \neg t_{e_{4,5}, \neg e_{4,6}} \lor \neg t_{e_{4,6}, e_{5,6}}$$

$$2683. \ \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,5} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{4,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{4,6}} \lor \neg e_{4,5} \lor \neg t_{e_{4,6},\,e_{5,6}} \lor \neg e_{4,6} \lor \neg$$

$$2684. \ \ e_{4,6} \lor e_{5,6} \lor \lnot t_{e_{4,6},\,e_{5,6}}, \lnot e_{4,6} \lor t_{e_{1,4},\,\lnot e_{2,4}} \vdash e_{5,6} \lor t_{e_{1,4},\,\lnot e_{2,4}} \lor \lnot t_{e_{4,6},\,e_{5,6}}$$

$$2685. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,5} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{4,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{4,6}} \lor \neg e_{4,5} \lor \neg t_{e_{4,6},\,e_{5,6}} \lor \neg e_{4,6} \lor \neg e$$

$$2686. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,6} \lor t_{e_{1,4},\,e_{2,4}} \vdash e_{5,6} \lor t_{e_{1,4},\,e_{2,4}} \lor \neg t_{e_{4,6},\,e_{5,6}}$$

$$2687. \ e_{4,6} \lor e_{5,6} \lor \lnot t_{e_{4,6},\,e_{5,6}}, \lnot e_{4,6} \lor t_{e_{1,4},\,e_{2,4}} \vdash e_{5,6} \lor t_{e_{1,4},\,e_{2,4}} \lor \lnot t_{e_{4,6},\,e_{5,6}}$$

$$2688. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, e_{4,5} \lor \neg e_{4,6} \lor \neg t_{e_{4,5},\,\neg e_{4,6}} \vdash e_{5,6} \lor e_{4,5} \lor \neg t_{e_{4,5},\,\neg e_{4,6}} \lor \neg t_{e_{4,6},\,e_{5,6}}$$

$$2689. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,5} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{5,6}} \vdash e_{4,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{5,6}} \lor \neg e_{4,5} \lor \neg t_{e_{4,6},\,e_{5,6}} \lor \neg e_{4,6} \lor \neg e$$

$$2690. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5},\neg e_{2,5}} \vdash e_{4,6} \lor t_{\neg e_{1,5},\neg e_{2,5}} \lor \neg t_{e_{4,6},e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5},\neg e_{2,5}} \lor \neg t_{e_{4,6},e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5},\neg e_{2,5}} \lor \neg t_{e_{4,6},e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5},\neg e_{2,5}} \lor \neg t_{e_{4,6},e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5},\neg e_{2,5}}, \neg e_{5,6} \lor t_{\neg e_{1,5},\neg e_{2,5},\neg e_{2,5}}, \neg e_{5,6} \lor t_{\neg e_{1,5},\neg e_{2,5}}, \neg e_{5,6} \lor t_{\neg e_{1,5},\neg e_{2,5}}, \neg$$

$$2691. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5},\,\neg e_{2,5}} \vdash e_{4,6} \lor t_{\neg e_{1,5},\,\neg e_{2,5}} \lor \neg t_{e_{4,6},\,e_{5,6}}$$

$$2692. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5},\,\neg e_{5,6}} \vdash e_{4,6} \lor e_{4,5} \lor \neg t_{e_{4,5},\,\neg e_{5,6}} \lor \neg t_{e_{4,6},\,e_{5,6}}, e_{4,6} \lor \neg t_{e_{4,6},\,e_{5,6}} \lor \neg t_{e_{4,6},\,e_{5,6}}, e_{4,6} \lor \neg t_{e_{4,6},\,e_{5,6}} \lor \neg t$$

$$2693. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5},\,e_{2,5}} \vdash e_{4,6} \lor t_{\neg e_{1,5},\,e_{2,5}} \lor \neg t_{e_{4,6},\,e_{5,6}}$$

$$2694. \ \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5},\,\neg e_{5,6}} \vdash e_{4,6} \lor e_{4,5} \lor \neg t_{e_{4,5},\,\neg e_{5,6}} \lor \neg t_{e_{4,6},\,e_{5,6}} \lor \neg t_{e_{4,6},\,e_{5,$$

$$2695. \ \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,5} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{5,6}} \vdash e_{4,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{5,6}} \lor \neg e_{4,5} \lor \neg t_{e_{4,6},\,e_{5,6}} \lor \neg e_{4,6} \lor \neg$$

$$2696. \ \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5},\,e_{2,5}} \vdash e_{4,6} \lor t_{\neg e_{1,5},\,e_{2,5}} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{5,6},\,e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{5,6},\,e_{5,6$$

2697.
$$e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}}, \neg e_{5,6} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor e_{4,6} \lor \neg t_{e_{4,6}, e_{5,6}}$$

$$2698. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5},\,\neg e_{5,6}} \vdash e_{4,6} \lor e_{4,5} \lor \neg t_{e_{4,5},\,\neg e_{5,6}} \lor \neg t_{e_{4,6},\,e_{5,6}} \lor \neg t_{e_{4,6},\,e_{5,6}$$

$$2699. \ \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,5} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{5,6}} \vdash e_{4,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{5,6}} \lor \neg e_{4,5} \lor \neg t_{e_{4,6},\,e_{5,6}} \lor \neg e_{4,6} \lor \neg$$

2700.
$$e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}}, \neg e_{5,6} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor e_{4,6} \lor \neg t_{e_{4,6}, e_{5,6}}$$

$$2701. \ \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,5} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{5,6}} \vdash e_{4,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{5,6}} \lor \neg e_{4,5} \lor \neg t_{e_{4,6},\,e_{5,6}} \lor \neg e_{4,6} \lor \neg$$

2702.
$$e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}}, \neg e_{5,6} \lor t_{e_{1,5}, e_{2,5}} \vdash e_{4,6} \lor t_{e_{1,5}, e_{2,5}} \lor \neg t_{e_{4,6}, e_{5,6}}$$

2703.
$$e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}}, \neg e_{5,6} \lor t_{e_{1,5}, e_{2,5}} \vdash e_{4,6} \lor t_{e_{1,5}, e_{2,5}} \lor \neg t_{e_{4,6}, e_{5,6}}$$

$$2704. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},e_{5,6}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5},\neg e_{5,6}} \vdash e_{4,6} \lor e_{4,5} \lor \neg t_{e_{4,5},\neg e_{5,6}} \lor \neg t_{e_{4,6},e_{5,6}}, e_{4,6} \lor \neg t_{e_{4,6},e_{5,6}} \lor \neg t_{e_{4,6},e_{5,6}}, e_{4,6} \lor \neg t_{e_{4,6},e_{5,6}}, e_{4$$

$$2705. \ \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6},\,\neg e_{2,6}} \vdash e_{5,6} \lor t_{\neg e_{1,6},\,\neg e_{2,6}} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6},\,\neg e_{2,6}} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6},\,\neg e_{2,6}} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6},\,\neg e_{2,6}} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6},\,\neg e_{2,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6},\,\neg e$$

$$2706. \ \ e_{4,6} \lor e_{5,6} \lor \lnot t_{e_{4,6},\,e_{5,6}}, \lnot e_{5,6} \lor t_{\lnot e_{1,6},\,\lnot e_{2,6}} \vdash e_{4,6} \lor t_{\lnot e_{1,6},\,\lnot e_{2,6}} \lor \lnot t_{e_{4,6},\,e_{5,6}}$$

$$2707. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{3,6} \lor t_{\neg e_{1,6},\,\neg e_{2,6}} \lor t_{e_{4,6},\,e_{5,6}} \vdash e_{5,6} \lor \neg e_{3,6} \lor t_{\neg e_{1,6},\,\neg e_{2,6}} \lor t_{e_{4,6},\,e_{5,6}} \lor \neg e_{3,6} \lor \neg e_{3,6} \lor t_{e_{4,6},\,e_{5,6}} \lor \neg e_{5,6} \lor \neg e$$

$$2708. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\,e_{5,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\,e_{5,6}} \lor \neg t_{e_{4,6},\,e_{5,6}} \lor \neg t_{e$$

2709.
$$e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{4,6}, e_{5,6}}$$

$$2710. \ \ e_{4,6} \lor e_{5,6} \lor \lnot t_{e_{4,6},\,e_{5,6}}, e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6},\,\lnot e_{5,6}} \vdash e_{4,6} \lor \lnot t_{e_{4,6},\,\lnot e_{5,6}} \lor \lnot t_{e_{4,6},\,e_{5,6}} \lor t_{e_{4,6},\,e_{5,6}} \lor \lnot t_{e$$

$$2711. \ \ e_{4,6} \lor e_{5,6} \lor \lnot t_{e_{4,6},\,e_{5,6}}, \lnot e_{4,6} \lor t_{\lnot e_{1,6},\,\lnot e_{2,6}} \vdash e_{5,6} \lor t_{\lnot e_{1,6},\,\lnot e_{2,6}} \lor \lnot t_{e_{4,6},\,e_{5,6}}$$

$$2712. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\,e_{5,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\,e_{5,6}} \lor \neg t_{e_{4,6},\,e_{5,6}} \lor \neg t_{e$$

$$2713. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6},\,e_{2,6}} \vdash e_{4,6} \lor t_{\neg e_{1,6},\,e_{2,6}} \lor \neg t_{e_{4,6},\,e_{5,6}}$$

$$2714. \ \ e_{4,6} \lor e_{5,6} \lor \lnot t_{e_{4,6},\,e_{5,6}}, e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6},\,\lnot e_{5,6}} \vdash e_{4,6} \lor \lnot t_{e_{4,6},\,\lnot e_{5,6}} \lor \lnot t_{e_{4,6},\,e_{5,6}} \lor t_{e_{4,6},\,e_{5,6}} \lor \lnot t_{e$$

$$2715. \ \ e_{4,6} \lor e_{5,6} \lor \lnot t_{e_{4,6},\,e_{5,6}}, \lnot e_{4,6} \lor t_{\lnot e_{1,6},\,e_{2,6}} \vdash e_{5,6} \lor t_{\lnot e_{1,6},\,e_{2,6}} \lor \lnot t_{e_{4,6},\,e_{5,6}}$$

2716.
$$e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6},e_{2,6}} \vdash e_{5,6} \lor t_{\neg e_{1,6},e_{2,6}} \lor \neg t_{e_{4,6},e_{5,6}}$$

$$2717. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6},\,e_{2,6}} \vdash e_{4,6} \lor t_{\neg e_{1,6},\,e_{2,6}} \lor \neg t_{e_{4,6},\,e_{5,6}}$$

$$2718. \ \ e_{4,6} \lor e_{5,6} \lor \lnot t_{e_{4,6},\,e_{5,6}}, e_{3,6} \lor t_{\lnot e_{1,6},\,e_{2,6}} \lor t_{e_{4,6},\,e_{5,6}} \vdash e_{5,6} \lor t_{\lnot e_{1,6},\,e_{2,6}} \lor e_{4,6} \lor e_{3,6}$$

$$2719. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\,e_{5,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\,e_{5,6}} \lor \neg t_{e_{4,6},\,e_{5,6}} \lor \neg t_{e$$

$$2720. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{5,6} \lor t_{e_{1,6},\,\neg e_{2,6}} \vdash e_{4,6} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor \neg t_{e_{4,6},\,e_{5,6}}$$

$$2721. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \vdash e_{4,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor \neg t_{e_{4,6}, e_{5,6}} \lor \neg t_{e$$

$$2722. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,6} \lor t_{e_{1,6},\,\neg e_{2,6}} \vdash e_{5,6} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor \neg t_{e_{4,6},\,e_{5,6}}$$

$$2723. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,6} \lor t_{e_{1,6},\,\neg e_{2,6}} \vdash e_{5,6} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,6} \lor t_{e_{1,6},\,\neg e_{2,6}}, \neg e_{4,$$

2724.
$$e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}}, \neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{4,6}, e_{5,6}}$$

$$2725. \ \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, e_{3,6} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor t_{e_{4,6},\,e_{5,6}} \vdash e_{5,6} \lor e_{4,6} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor e_{3,6}$$

2726.
$$e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}}, \neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \vdash e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{4,6}, e_{5,6}}$$

2727.
$$e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}}, \neg e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \vdash e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{4,6}, e_{5,6}}$$

$$2728. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{e_{4,6},\,e_{5,6}} \vdash e_{5,6} \lor \neg e_{3,6} \lor t_{e_{4,6},\,e_{2,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{e_{2,6}} \lor t_{e_{3,6}} \lor t_{e$$

$$2729. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \lor \neg t_{e_{4,6}, e_{5,6}} \lor \neg t_{e$$

2730.
$$e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}}, \neg e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \vdash e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{4,6}, e_{5,6}}$$

$$2731. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6},\,\neg e_{5,6}} \vdash e_{4,6} \lor \neg t_{e_{4,6},\,\neg e_{5,6}} \lor \neg t_{e_{4,6},\,e_{5,6}} \lor \neg t_{e$$

2732.
$$e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}}, \neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \vdash e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{4,6}, e_{5,6}}$$

2733.
$$\neg e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \vdash t_{\neg e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

$$2734. \ \, \neg e_{4,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5},\, e_{4,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor e_{4,5} \lor \neg t_{e_{4,5},\, e_{4,6}}$$

$$2735. \ \, \neg e_{4,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5},\, e_{4,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{4,5},\, e_{4,6}} \lor \neg e_{4,5}$$

2736.
$$\neg e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \vdash t_{\neg e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

$$2737. \ \, \neg e_{4,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5},\, e_{4,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{4,5},\, e_{4,6}} \lor \neg e_{4,5}$$

$$2738. \ \, \neg e_{4,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,4},\, e_{2,4}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,4},\, e_{2,4}}$$

2739.
$$\neg e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,4}, e_{2,4}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,4}, e_{2,4}}$$

$$2740. \ \, \neg e_{4,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5},\, e_{4,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor e_{4,5} \lor \neg t_{e_{4,5},\, e_{4,6}}$$

$$2741. \ \, \neg e_{4,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5},\, e_{4,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{4,5},\, e_{4,6}} \lor \neg e_{4,5}$$

2742.
$$\neg e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{4,6} \lor t_{e_{1,4}, \neg e_{2,4}} \vdash t_{e_{1,4}, \neg e_{2,4}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

$$2743. \ \, \neg e_{4,6} \vee t_{\neg e_{1,6},\, e_{2,6}}, e_{4,6} \vee t_{e_{1,4},\, \neg e_{2,4}} \vdash t_{e_{1,4},\, \neg e_{2,4}} \vee t_{\neg e_{1,6},\, e_{2,6}}$$

$$2744. \ \neg e_{4,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5},\, e_{4,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor e_{4,5} \lor \neg t_{e_{4,5},\, e_{4,6}}$$

2745.
$$\neg e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,4}, e_{2,4}}$$

$$2746. \ \neg e_{4,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5},\, e_{4,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor e_{4,5} \lor \neg t_{e_{4,5},\, e_{4,6}}$$

$$2747. \ \neg e_{4,6} \lor t_{\neg e_{1,6}, \, e_{2,6}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5}, \, e_{4,6}} \vdash t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg t_{\neg e_{4,5}, \, e_{4,6}} \lor \neg e_{4,5}$$

2748.
$$\neg e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,4}, e_{2,4}}$$

$$2749. \ \neg e_{4,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,6},\, \neg e_{2,6}}$$

2750.
$$\neg e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}} \vdash e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{4,6}, e_{5,6}}$$

2751.
$$\neg e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$2752. \ \, \neg e_{4,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6},\, \neg e_{5,6}} \vdash \neg e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{4,6},\, \neg e_{5,6}}$$

2753.
$$\neg e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}}$$

$$2754. \ \, \neg e_{4,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6},\, \neg e_{5,6}} \vdash \neg e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{4,6},\, \neg e_{5,6}} \lor \neg t_$$

2755.
$$\neg e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}}$$

2756.
$$\neg e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}} \vdash e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{4,6}, e_{5,6}}$$

2757.
$$\neg e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

$$2758. \ \, \neg e_{4,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6},\, \neg e_{5,6}} \vdash \neg e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{4,6},\, \neg e_{5,6}}$$

2759.
$$\neg e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

$$2760. \ \, \neg e_{4,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\, e_{5,6}} \vdash e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{4,6},\, e_{5,6}}$$

2761.
$$\neg e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

$$2762. \ \, \neg e_{4,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\, e_{5,6}} \vdash e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{4,6},\, e_{5,6}}$$

2763.
$$\neg e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

$$2764. \ \, \neg e_{4,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6},\, \neg e_{5,6}} \vdash \neg e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{4,6},\, \neg e_{5,6}} \lor \neg t_$$

$$2765. \ \, \neg e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,5},\, \neg e_{2,5}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,5},\, \neg e_{2,5}}$$

$$2766. \ \neg e_{5,6} \lor t_{\neg e_{1,6}, \, e_{2,6}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5}, \, e_{5,6}} \vdash t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg t_{e_{4,5}, \, e_{5,6}} \lor e_{4,5}$$

$$2767. \ \, \neg e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}} \vdash \neg t_{\neg e_{4,5},\, e_{5,6}} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{4,5}$$

$$2768. \ \, \neg e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,5},\, \neg e_{2,5}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,5},\, \neg e_{2,5}}$$

$$2769. \ \, \neg e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}} \vdash \neg t_{\neg e_{4,5},\, e_{5,6}} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{4,5}$$

$$2770. \ \, \neg e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,5},\, e_{2,5}}$$

2771.
$$\neg e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,5}, e_{2,5}}$$

$$2772. \ \neg e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5}, e_{5,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{4,5}, e_{5,6}} \lor e_{4,5}$$

$$2773. \ \neg e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}} \vdash \neg t_{\neg e_{4,5},\, e_{5,6}} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{4,5}$$

2774.
$$\neg e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{5,6} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,5}, \neg e_{2,5}}$$

2775.
$$\neg e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{5,6} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,5}, \neg e_{2,5}}$$

$$2776. \ \, \neg e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5},\, e_{5,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{4,5},\, e_{5,6}} \lor e_{4,5}$$

2777.
$$\neg e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{5,6} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,5}, e_{2,5}}$$

$$2778. \ \neg e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5},\, e_{5,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{e_{4,5},\, e_{5,6}} \lor e_{4,5}$$

$$2779. \ \, \neg e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}} \vdash \neg t_{\neg e_{4,5},\, e_{5,6}} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{4,5}$$

2780.
$$\neg e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{5,6} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,5}, e_{2,5}}$$

2781.
$$\neg e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$2782. \ \, \neg e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\, e_{5,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor e_{4,6} \lor \neg t_{e_{4,6},\, e_{5,6}}$$

$$2783. \ \, \neg e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{4,6}$$

$$2784. \ \, \neg e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,6},\, \neg e_{2,6}}$$

$$2785. \ \, \neg e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{4,6}$$

2786.
$$\neg e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}}$$

2787.
$$\neg e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}}$$

2788.
$$\neg e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor e_{4,6} \lor \neg t_{e_{4,6}, e_{5,6}}$$

$$2789. \ \neg e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \vdash \neg t_{\neg e_{4,6}, e_{5,6}} \lor t_{\neg e_{1,6}, e_{2,6}} \lor \neg e_{4,6}$$

2790.
$$\neg e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, \neg e_{2,6}}$$

2791.
$$\neg e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, \neg e_{2,6}}$$

$$2792. \ \, \neg e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\, e_{5,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor e_{4,6} \lor \neg t_{e_{4,6},\, e_{5,6}}$$

$$2793. \ \, \neg e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{5,6} \lor t_{e_{1,6},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,6},\, e_{2,6}}$$

$$2794. \ \, \neg e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\, e_{5,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \lor e_{4,6} \lor \neg t_{e_{4,6},\, e_{5,6}}$$

$$2795. \ \neg e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \vdash \neg t_{\neg e_{4,6}, e_{5,6}} \lor t_{\neg e_{1,6}, e_{2,6}} \lor \neg e_{4,6}$$

2796.
$$\neg e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}}, e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, e_{2,6}}$$

$$2797. \ e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{4,6},\, e_{5,6}}, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5},\, \neg e_{3,6}} \vdash t_{e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{3,5},\, \neg e_{3,6}} \lor \neg e_{3,5}$$

$$2798. \ e_{3,6} \lor t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{e_{4,6}, \, e_{5,6}}, \neg e_{3,6} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}} \vdash t_{e_{4,6}, \, e_{5,6}} \lor t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}}$$

$$2799. \ e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{4,6},\, e_{5,6}}, \neg e_{3,6} \lor t_{\neg e_{1,3},\, \neg e_{2,3}} \vdash t_{e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,3},\, \neg e_{2,3}}$$

$$2800. \ \ e_{3,6} \lor t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{e_{4,6}, \, e_{5,6}}, e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5}, \, \neg e_{3,6}} \vdash t_{e_{4,6}, \, e_{5,6}} \lor t_{\neg e_{1,6}, \, e_{2,6}} \lor e_{3,5} \lor \neg t_{e_{3,5}, \, \neg e_{3,6}} \lor e_{3,6} \lor e$$

$$2801. \ e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{4,6},\, e_{5,6}}, \neg e_{3,6} \lor t_{\neg e_{1,3},\, e_{2,3}} \vdash t_{e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,3},\, e_{2,3}}$$

$$2802. \ e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{4,6},\, e_{5,6}}, e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5},\, \neg e_{3,6}} \vdash t_{e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor e_{3,5} \lor \neg t_{e_{3,5},\, \neg e_{3,6}} \lor e_{3,5} \lor \neg t_{$$

$$2803. \ \ e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{4,6},\, e_{5,6}}, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5},\, \neg e_{3,6}} \vdash t_{e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{3,5},\, \neg e_{3,6}} \lor \neg e_{3,5}$$

$$2804. \ e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{4,6},\, e_{5,6}}, \neg e_{3,6} \lor t_{\neg e_{1,3},\, e_{2,3}} \vdash t_{e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,3},\, e_{2,3}}$$

$$2805. \ e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{4,6},\, e_{5,6}}, \neg e_{3,6} \lor t_{e_{1,3},\, \neg e_{2,3}} \vdash t_{e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,3},\, \neg e_{2,3}}$$

$$2806. \ \ e_{3,6} \lor t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{e_{4,6}, \, e_{5,6}}, e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5}, \, \neg e_{3,6}} \vdash t_{e_{4,6}, \, e_{5,6}} \lor t_{\neg e_{1,6}, \, e_{2,6}} \lor e_{3,5} \lor \neg t_{e_{3,5}, \, \neg e_{3,6}} \vdash t_{e_{4,6}, \, e_{5,6}} \lor t_{\neg e_{1,6}, \, e_{2,6}} \lor e_{3,5} \lor \neg t_{e_{3,5}, \, \neg e_{3,6}} \vdash t_{e_{4,6}, \, e_{5,6}} \lor t_{\neg e_{1,6}, \, e_{2,6}} \lor e_{3,5} \lor \neg t_{e_{3,5}, \, \neg e_{3,6}} \vdash t_{e_{4,6}, \, e_{5,6}} \lor t_{\neg e_{1,6}, \, e_{2,6}} \lor e_{3,5} \lor \neg t_{e_{3,5}, \, \neg e_{3,6}} \vdash t_{e_{4,6}, \, e_{5,6}} \lor t_{\neg e_{1,6}, \, e_{2,6}} \lor e_{3,5} \lor \neg t_{e_{3,5}, \, \neg e_{3,6}} \lor e_{3,5} \lor e_{3,5} \lor \neg t_{e_{3,5}, \, \neg e_{3,6}} \lor e_{3,5} \lor \neg t_{e_{3,5}, \, \neg e_{3,6}} \lor e_{3,5} \lor e_$$

$$2807. \ \ e_{3,6} \lor t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{e_{4,6}, \, e_{5,6}}, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5}, \, \neg e_{3,6}} \vdash t_{e_{4,6}, \, e_{5,6}} \lor t_{\neg e_{1,6}, \, e_{2,6}} \lor \neg t_{\neg e_{3,5}, \, \neg e_{3,6}} \lor \neg e_{3,5}$$

$$2808. \ e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{4,6},\, e_{5,6}}, \neg e_{3,6} \lor t_{e_{1,3},\, \neg e_{2,3}} \vdash t_{e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,3},\, \neg e_{2,3}}$$

$$2809. \ \ e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{4,6},\, e_{5,6}}, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5},\, \neg e_{3,6}} \vdash t_{e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor \neg t_{\neg e_{3,5},\, \neg e_{3,6}} \lor \neg e_{3,5}$$

$$2810. \ e_{3,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{4,6}, e_{5,6}}, \neg e_{3,6} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{e_{4,6}, e_{5,6}} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,3}, e_{2,3}}$$

$$2811. \ e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{4,6},\, e_{5,6}}, \neg e_{3,6} \lor t_{e_{1,3},\, e_{2,3}} \vdash t_{e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,3},\, e_{2,3}}$$

$$2812. \ e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{4,6},\, e_{5,6}}, e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5},\, \neg e_{3,6}} \vdash t_{e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor e_{3,5} \lor \neg t_{e_{3,5},\, \neg e_{3,6}} \lor e_{3,5} \lor \neg t_{$$

$$2813. \ \ e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{4,6},\, e_{5,6}}, \neg e_{3,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{4,6},\, \neg e_{5,6}} \vdash t_{e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, \neg e_{5,6}} \lor t_{\neg e_{4$$

$$2814. \ e_{3,6} \lor t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{e_{4,6}, \, e_{5,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, \, e_{5,6}} \vdash e_{5,6} \lor t_{\neg e_{1,6}, \, e_{2,6}} \lor e_{4,6} \lor e_{3,6}$$

$$2815. \ e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{4,6},\, e_{5,6}}, \neg e_{3,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \lor t_{e_{4,6},\, e_{5,6}} \vdash t_{e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{1,6},\,$$

$$2816. \ e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{4,6},\, e_{5,6}}, \neg e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, e_{5,6}} \vdash t_{e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, e_{5,6}} \lor t_{\neg e_{4,6},\, e_$$

$$2817. \ e_{3,6} \lor t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{e_{4,6}, \, e_{5,6}}, \neg e_{3,6} \lor t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{e_{4,6}, \, \neg e_{5,6}} \vdash t_{e_{4,6}, \, e_{5,6}} \lor t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{e_{4,6}, \, \neg e_{5,6}}$$

$$2818. \ e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{4,6},\, e_{5,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\, e_{5,6}} \vdash e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor e_{4,6} \lor e_{3,6}$$

$$2819. \ e_{3,6} \lor t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{e_{4,6}, \, e_{5,6}}, \neg e_{3,6} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \, e_{5,6}} \vdash t_{e_{4,6}, \, e_{5,6}} \lor t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{\neg e_{4,6}, \, e_{5,6}} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{1,6}, \, e_{2,6}} \lor t$$

$$2820. \ \ e_{3,6} \lor t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{e_{4,6}, \, e_{5,6}}, \neg e_{3,6} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{4,6}, \, \neg e_{5,6}} \vdash t_{e_{4,6}, \, e_{5,6}} \lor t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{4,6}, \, \neg e_{5,6}} \lor t_{e_{4,6}, \, \neg e_{5,6}} \lor t_{e_{4,6}, \, \neg e_{5,6}} \lor t_{e_{4,6}, \, e_{5,6}}$$

$$2821. \ e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{4,6},\, e_{5,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\, e_{5,6}} \vdash e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor e_{4,6} \lor e_{3,6}$$

$$2822. \ e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{4,6},\, e_{5,6}}, \neg e_{3,6} \lor t_{e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, \neg e_{5,6}} \vdash t_{e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, \neg e_{5,6}} \lor t_{e_{1,6},\, e_{2,6}} \lor t_{e_{1,6},$$

$$2823. \ \ e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{4,6},\, e_{5,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\, e_{5,6}} \vdash e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor e_{4,6} \lor e_{3,6}$$

$$2824. \ e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{4,6},\, e_{5,6}}, \neg e_{3,6} \lor t_{e_{1,6},\, e_{2,6}} \lor t_{e_{4,6},\, e_{5,6}} \vdash t_{e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{e_{1,6},\, e_{2,6}} \lor t_{e_{1,6},\, e_{2,6}} \lor t_{e_{1,6},\, e_{2,6}} \lor t_{e_{2,6},\, e_{2,6$$

$$2825. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$2826. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,5} \lor \neg e_{1,6} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg e_{1,5} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor \neg e_{2,6}$$

$$2827. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{1,5} \lor \neg e_{1,6} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e$$

$$2828. \ e_{1,6} \vee \neg e_{2,6} \vee \neg t_{e_{1,6},\, \neg e_{2,6}}, \neg e_{1,6} \vee t_{e_{1,2},\, e_{1,3}} \vdash t_{e_{1,2},\, e_{1,3}} \vee \neg t_{e_{1,6},\, \neg e_{2,6}} \vee \neg e_{2,6}$$

$$2829. \ \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{1,5} \lor \neg e_{1,6} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg$$

$$2830. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$2831. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \, \neg e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,2}, \, \neg e_{1,3}} \vdash \neg t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg e_{2,6} \lor t_{e_{1,2}, \, \neg e_{1,3}}$$

$$2832. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,5} \lor \neg e_{1,6} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg e_{1,5} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor \neg e_{2,6}$$

$$2833. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{1,5} \lor \neg e_{1,6} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e$$

$$2834. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{\neg e_{1,2}, \, e_{1,3}} \vdash t_{\neg e_{1,2}, \, e_{1,3}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$2835. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$2836. \ \ e_{1,6} \lor \lnot e_{2,6} \lor \lnot t_{e_{1,6},\lnot e_{2,6}}, \lnot e_{1,5} \lor \lnot e_{1,6} \lor \lnot t_{\lnot e_{1,5},\lnot e_{1,6}} \vdash \lnot e_{1,5} \lor \lnot t_{e_{1,6},\lnot e_{2,6}} \lor \lnot t_{\lnot e_{1,5},\lnot e_{1,6}} \lor \lnot e_{2,6} \lor e_{2,6} \lor e_{2,6} \lor \lnot e_{2,6} \lor e$$

$$2837. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg e_{2,6}$$

$$2838. \ \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,5} \lor \neg e_{1,6} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg e_{1,5} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor \neg e_{2,6}$$

$$2839. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{1,5} \lor \neg e_{1,6} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e$$

$$2840. \ \ e_{1,6} \lor \lnot e_{2,6} \lor \lnot t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{1,6} \lor t_{\lnot e_{1,2}, \lnot e_{1,3}} \vdash \lnot t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{1,2}, \lnot e_{1,3}} \lor \lnot e_{2,6}$$

$$2841. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,6}$$

$$2842. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{2,5}, e_{2,6}} \lor e_{2,5} \lor e_{1,6}$$

$$2843. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor \neg e_{2,6} \lor \neg e$$

$$2844. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,6}$$

$$2845. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor \neg e_{2,6} \lor \neg e$$

$$2846. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$2847. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$2848. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{2,5}, e_{2,6}} \lor e_{2,5} \lor e_{1,6}$$

$$2849. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}}$$

$$2850. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6}$$

$$2851. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6}$$

$$2852. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{2,5}, e_{2,6}} \lor e_{2,5} \lor e_{1,6}$$

$$2853. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,6}$$

$$2854. \ \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{2,5}, e_{2,6}} \lor e_{2,5} \lor e_{1,6}$$

$$2855. \ \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor \neg e_{2,6} \lor \neg$$

$$2856. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,6}$$

$$2857. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e_{2,$$

$$2858. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6}$$

$$2859. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e_{2,$$

$$2860. \ \ e_{1,6} \lor \lnot e_{2,6} \lor \lnot t_{e_{1,6},\lnot e_{2,6}}, e_{2,6} \lor t_{\lnot e_{1,6},\lnot e_{2,6}} \vdash t_{\lnot e_{1,6},\lnot e_{2,6}} \lor \lnot t_{e_{1,6},\lnot e_{2,6}} \lor e_{1,6}$$

$$2861. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e_{2,$$

$$2862. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6}$$

$$2863. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e_{2,$$

$$2864. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6}$$

$$2865. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash e_{4,6} \lor e_{1,6} \lor \neg e_{2,6}$$

2866.
$$e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash \neg e_{5,6} \lor e_{1,6} \lor \neg e_{2,6}$$

$$2867. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}} \vdash \neg e_{3,6} \lor t_{\neg e_{4,6}, e_{5,6}} \lor e_{1,6} \lor \neg e_{2,6} \lor \neg e_{2,$$

$$2868. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash \neg e_{4,6} \lor e_{1,6} \lor \neg e_{2,6}$$

$$2869. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash e_{5,6} \lor e_{1,6} \lor \neg e_{2,6}$$

$$2870. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \vdash \neg e_{3,6} \lor t_{e_{4,6}, \neg e_{5,6}} \lor e_{1,6} \lor \neg e_{2,6}$$

$$2871. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash e_{4,6} \lor e_{1,6} \lor \neg e_{2,6}$$

$$2872. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash e_{5,6} \lor e_{1,6} \lor \neg e_{2,6}$$

$$2873. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \vdash t_{\neg e_{4,6}, \neg e_{5,6}} \lor e_{3,6} \lor e_{1,6} \lor \neg e_{2,6}$$

2874.
$$e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash \neg e_{4,6} \lor e_{1,6} \lor \neg e_{2,6}$$

$$2875. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash \neg e_{5,6} \lor e_{1,6} \lor \neg e_{2,6}$$

$$2876. \ \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, e_{5,6}} \vdash t_{e_{4,6}, e_{5,6}} \lor e_{3,6} \lor e_{1,6} \lor \neg e_{2,6}$$

$$2877. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6}$$

$$2878. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,6}, e_{2,6}} \lor \neg e_{2,6}$$

$$2879. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6}$$

$$2880. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,6}, e_{2,6}} \lor \neg e_{2,6}$$

$$2881. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6}$$

$$2882. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,6}, e_{2,6}} \lor \neg e_{2,6}$$

$$2883. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6}$$

$$2884. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,6}, e_{2,6}} \lor \neg e_{2,6}$$

$$2885. \ \, \neg e_{1,6} \lor t_{e_{1,6}, \, \neg e_{2,6}}, e_{1,5} \lor e_{1,6} \lor \neg t_{e_{1,5}, \, e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \, e_{1,6}} \lor t_{e_{1,6}, \, \neg e_{2,6}}$$

2886.
$$\neg e_{1,6} \lor t_{e_{1,6}}, \neg e_{2,6}, e_{1,6} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{1,3}}$$

2887.
$$\neg e_{1,6} \lor t_{e_{1,6}}, \neg e_{2,6}, e_{1,6} \lor t_{e_{1,2}}, e_{1,3} \vdash t_{e_{1,6}}, \neg e_{2,6} \lor t_{e_{1,2}}, e_{1,3}$$

2888.
$$\neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,5} \lor e_{1,6} \lor \neg t_{\neg e_{1,5}, e_{1,6}} \vdash \neg e_{1,5} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,5}, e_{1,6}}$$

$$2889. \ \, \neg e_{1,6} \lor t_{e_{1,6}, \, \neg e_{2,6}}, e_{1,6} \lor t_{e_{1,2}, \, \neg e_{1,3}} \vdash t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{1,2}, \, \neg e_{1,3}}$$

$$2890. \ \, \neg e_{1,6} \lor t_{e_{1,6}, \, \neg e_{2,6}}, \neg e_{1,5} \lor e_{1,6} \lor \neg t_{\neg e_{1,5}, \, e_{1,6}} \vdash \neg e_{1,5} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{\neg e_{1,5}, \, e_{1,6}}$$

$$2891. \ \, \neg e_{1,6} \lor t_{e_{1,6},\, \neg e_{2,6}}, e_{1,5} \lor e_{1,6} \lor \neg t_{e_{1,5},\, e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5},\, e_{1,6}} \lor t_{e_{1,6},\, \neg e_{2,6}}$$

2892.
$$\neg e_{1,6} \lor t_{e_{1,6}}, \neg e_{2,6}, e_{1,6} \lor t_{e_{1,2}}, \neg e_{1,3} \vdash t_{e_{1,6}}, \neg e_{2,6} \lor t_{e_{1,2}}, \neg e_{1,3}$$

2893.
$$\neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{1,3}}$$

$$2894. \ \, \neg e_{1,6} \lor t_{e_{1,6}, \, \neg e_{2,6}}, \, \neg e_{1,5} \lor e_{1,6} \lor \neg t_{\neg e_{1,5}, \, e_{1,6}} \vdash \neg e_{1,5} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{\neg e_{1,5}, \, e_{1,6}}$$

$$2895. \ \, \neg e_{1,6} \lor t_{e_{1,6}, \, \neg e_{2,6}}, e_{1,5} \lor e_{1,6} \lor \neg t_{e_{1,5}, \, e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \, e_{1,6}} \lor t_{e_{1,6}, \, \neg e_{2,6}}$$

2896.
$$\neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{1,3}}$$

2897.
$$\neg e_{1,6} \lor t_{e_{1,6}}, \neg e_{2,6}, e_{1,5} \lor e_{1,6} \lor \neg t_{e_{1,5}}, e_{1,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}}, e_{1,6} \lor t_{e_{1,6}}, \neg e_{2,6}$$

2898.
$$\neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

2899.
$$\neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

2900.
$$\neg e_{1,6} \lor t_{e_{1,6}}, \neg e_{2,6}, \neg e_{1,5} \lor e_{1,6} \lor \neg t_{\neg e_{1,5}, e_{1,6}} \vdash \neg e_{1,5} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,5}, e_{1,6}}$$

2901.
$$\neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

2902.
$$\neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

2903.
$$\neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

2904.
$$\neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

2905.
$$\neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

2906.
$$\neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

2907.
$$\neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

2908.
$$\neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

$$2909. \ \, \neg e_{1,6} \lor t_{e_{1,6}, \, \neg e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \, \neg e_{2,6}} \vdash t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg e_{2,6}$$

2910.
$$\neg e_{1,6} \lor t_{e_{1,6}}, \neg e_{2,6}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}}, \neg e_{2,6} \lor \neg t_{e_{1,6}}, \neg e_{2,6} \lor \neg t_{e_{1,6}}, \neg e_{2,6} \lor \neg e_{2,6}$$

$$2911. \ \, \neg e_{1,6} \lor t_{e_{1,6}, \, \neg e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \, \neg e_{2,6}} \vdash t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$2912. \ \, \neg e_{1,6} \lor t_{e_{1,6}, \, \neg e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \, \neg e_{2,6}} \vdash t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg e_{2,6}$$

2913.
$$\neg e_{1,6} \lor t_{e_{1,6}}, \neg e_{2,6}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}}, e_{2,6} \vdash \neg t_{e_{1,6}}, e_{2,6} \lor t_{e_{1,6}}, \neg e_{2,6} \lor e_{2,6}$$

$$2914. \ \, \neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,6}$$

$$2915. \ \, \neg e_{1,6} \lor t_{e_{1,6},\, \neg e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\, e_{2,6}} \vdash \neg t_{e_{1,6},\, e_{2,6}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor e_{2,6}$$

2916.
$$\neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,6}$$

$$2917. \ e_{2,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{2,5} \lor \lnot e_{2,6} \lor \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor \lnot e_{2,5}$$

2918.
$$e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

2919.
$$e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$2920. \ e_{2,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, e_{2,5} \lor \lnot e_{2,6} \lor \lnot t_{e_{2,5}, \lnot e_{2,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor e_{2,5} \lor \lnot t_{e_{2,5}, \lnot e_{2,6}} \lor e_{2,5} \lor$$

2921.
$$e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$2922. \ e_{2,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, e_{2,5} \lor \lnot e_{2,6} \lor \lnot t_{e_{2,5}, \lnot e_{2,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor e_{2,5} \lor \lnot t_{e_{2,5}, \lnot e_{2,6}} \lor e_{2,5} \lor e_$$

$$2923. \ e_{2,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{2,5} \lor \lnot e_{2,6} \lor \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor \lnot e_{2,5}$$

2924.
$$e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

2925.
$$e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$2926. \ \ e_{2,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, e_{2,5} \lor \lnot e_{2,6} \lor \lnot t_{e_{2,5}, \lnot e_{2,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor e_{2,5} \lor \lnot t_{e_{2,5}, \lnot e_{2,6}} \lor e_{2,5} \lor e_{2$$

$$2927. \ e_{2,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{2,5} \lor \lnot e_{2,6} \lor \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor \lnot e_{2,5}$$

2928.
$$e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$2929. \ \ e_{2,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{2,5} \lor \lnot e_{2,6} \lor \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor \lnot e_{2,5}$$

2930.
$$e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}$$

2931.
$$e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}$$

2932.
$$e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$2933. \ e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$2934. \ e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$2935. \ e_{2,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{1,6} \lor \lnot e_{2,6} \lor \lnot t_{\lnot e_{1,6}, \lnot e_{2,6}} \vdash \lnot e_{1,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{\lnot e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{1,$$

$$2936. \ e_{2,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{1,6} \lor \lnot e_{2,6} \lor \lnot t_{\lnot e_{1,6}, \lnot e_{2,6}} \vdash \lnot e_{1,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{\lnot e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{1,$$

$$2937. \ e_{2,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{2,6} \lor t_{\lnot e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{1,6}, e_{2,6}}$$

2938.
$$e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

2939.
$$e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

2940.
$$e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

$$2941. \ e_{2,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, e_{1,6} \lor \lnot e_{2,6} \lor \lnot t_{e_{1,6}, \lnot e_{2,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{e_{1,6}, \lnot e_{2,6}} \lor e_{1,6}$$

$$2942. \ e_{2,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, e_{1,6} \lor \lnot e_{2,6} \lor \lnot t_{e_{1,6}, \lnot e_{2,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{e_{1,6}, \lnot e_{2,6}} \lor e_{1,6}$$

$$2943. \ e_{2,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, e_{1,6} \lor \lnot e_{2,6} \lor \lnot t_{e_{1,6}, \lnot e_{2,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{e_{1,6}, \lnot e_{2,6}} \lor e_{1,6}$$

$$2944. \ \ e_{2,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, e_{1,6} \lor \lnot e_{2,6} \lor \lnot t_{e_{1,6}, \lnot e_{2,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{e_{1,6}, \lnot e_{2,6}} \lor e_{1,6}$$

2945.
$$e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,6}, e_{2,6}}$$

$$2946. \ e_{2,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{2,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor t_{e_{1,6}, e_{2,6}}$$

2947.
$$e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,6}, e_{2,6}}$$

2948.
$$e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,6}, e_{2,6}}$$

$$2949. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,4},\, \neg e_{2,4}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,4},\, \neg e_{2,4}}$$

$$2950. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5},\, e_{4,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor e_{4,5} \lor \neg t_{e_{4,5},\, e_{4,6}} \lor \neg t_{e_{4,5},\, e_{$$

$$2951. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5},\, e_{4,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg t_{\neg e_{4,5},\, e_{4,6}} \lor \neg e_{4,5}$$

$$2952. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,4},\, \neg e_{2,4}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,4},\, \neg e_{2,4}}$$

$$2953. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5},\, e_{4,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg t_{\neg e_{4,5},\, e_{4,6}} \lor \neg e_{4,5}$$

$$2954. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,4},\, e_{2,4}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,4},\, e_{2,4}}$$

$$2955. \ \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,4}, e_{2,4}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \lor t_{\neg e_{1,4}, e_{2,4}}$$

$$2956. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5},\, e_{4,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor e_{4,5} \lor \neg t_{e_{4,5},\, e_{4,6}} \lor \neg t_{e_{4,5},\, e_{$$

$$2957. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5},\, e_{4,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg t_{\neg e_{4,5},\, e_{4,6}} \lor \neg e_{4,5}$$

2958.
$$\neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}}, e_{4,6} \lor t_{e_{1,4}, \neg e_{2,4}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \lor t_{e_{1,4}, \neg e_{2,4}}$$

2959.
$$\neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}}, e_{4,6} \lor t_{e_{1,4}, \neg e_{2,4}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \lor t_{e_{1,4}, \neg e_{2,4}}$$

$$2960. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5},\, e_{4,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor e_{4,5} \lor \neg t_{e_{4,5},\, e_{4,6}} \lor \neg t_{e_{4,5},\, e_{$$

$$2961. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,6} \lor t_{e_{1,4},\, e_{2,4}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{e_{1,4},\, e_{2,4}}$$

$$2962. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5},\, e_{4,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor e_{4,5} \lor \neg t_{e_{4,5},\, e_{4,6}} \lor \neg t_{e_{4,5},\, e_{$$

$$2963. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5},\, e_{4,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg t_{\neg e_{4,5},\, e_{4,6}} \lor \neg e_{4,5}$$

$$2964. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,6} \lor t_{e_{1,4},\, e_{2,4}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{e_{1,4},\, e_{2,4}}$$

$$2965. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{4,5} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,5},\, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg t_{\neg e_{4,5},\, \neg e_{5,6}} \lor \neg e_{4,6} \lor \neg e_{4,5} \lor \neg e_{4,6} \lor$$

$$2966. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5},\, \neg e_{2,5}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,5},\, \neg e_{2,5}} \lor \neg e_{4,6}$$

$$2967. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5},\, \neg e_{2,5}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,5},\, \neg e_{2,5}} \lor \neg e_{4,6}$$

$$2968. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5},\, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor e_{4,5} \lor \neg t_{e_{4,5},\, \neg e_{5,6}} \lor \neg e_{4,6} \lor \neg e_{4,6$$

$$2969. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg e_{4,6} \lor t_{\neg e_{1,5},\, e_{2,5}}$$

$$2970. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5},\, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor e_{4,5} \lor \neg t_{e_{4,5},\, \neg e_{5,6}} \lor \neg e_{4,6} \lor \neg e_{4,6$$

$$2971. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{4,5} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,5},\, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg t_{\neg e_{4,5},\, \neg e_{5,6}} \lor \neg e_{4,6} \lor \neg e_{4,5} \lor \neg e_{4,6} \lor$$

$$2972. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg e_{4,6} \lor t_{\neg e_{1,5},\, e_{2,5}}$$

$$2973. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{5,6} \lor t_{e_{1,5},\, \neg e_{2,5}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg e_{4,6}$$

$$2974. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5},\, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor e_{4,5} \lor \neg t_{e_{4,5},\, \neg e_{5,6}} \lor \neg e_{4,6} \lor \neg e_{4,6$$

$$2975. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{4,5} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,5},\, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg t_{\neg e_{4,5},\, \neg e_{5,6}} \lor \neg e_{4,6} \lor \neg e_{4,5} \lor \neg e_{4,6} \lor$$

$$2976. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{5,6} \lor t_{e_{1,5},\, \neg e_{2,5}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg e_{4,6}$$

$$2977. \ \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, \, e_{5,6}}, \neg e_{4,5} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,5}, \, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,6}, \, e_{5,6}} \lor \neg t_{\neg e_{4,5}, \, \neg e_{5,6}} \lor \neg e_{4,6} \lor$$

$$2978. \ \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{5,6} \lor t_{e_{1,5},\, e_{2,5}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{e_{1,5},\, e_{2,5}} \lor \neg e_{4,6}$$

$$2979. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{5,6} \lor t_{e_{1,5},\, e_{2,5}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{e_{1,5},\, e_{2,5}} \lor \neg e_{4,6}$$

$$2980. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5},\, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor e_{4,5} \lor \neg t_{e_{4,5},\, \neg e_{5,6}} \lor \neg e_{4,6} \lor \neg e_{4,6$$

$$2981. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \lor \neg e_{4,6} \lor \neg e_{5,6} \lor$$

$$2982. \ \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, \, e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6}, \, e_{5,6}} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}$$

$$2983. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\, e_{5,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg t_{e_{4,6},\, e_{5,6}} \lor \neg$$

$$2984. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg e_{4,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}}$$

$$2985. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,6},\, \neg e_{2,6}}$$

$$2986. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg e_{4,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}}$$

$$2987. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{4,6},\, e_{5,6}} \vdash e_{5,6} \lor \neg e_{4,6} \lor e_{3,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \lor e_{5,6} \lor$$

$$2988. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,6},\, e_{2,6}}$$

$$2989. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{4,6}$$

$$2990. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, e_{5,6}} \vdash e_{5,6} \lor \neg e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{4,6}$$

$$2991. \ \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,6}, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg e_{4,6} \lor \neg e_{4,6} \lor \neg e_{4,6}, \neg e_{5,6} \lor \neg e_{4,6} \lor \neg e_{5,6} \lor \neg e_{5,6$$

$$2992. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,6},\, e_{2,6}}$$

$$2993. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\, e_{5,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg t_{e_{4,6},\, e_{5,6}} \lor \neg$$

$$2994. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{4,6}$$

$$2995. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,6} \lor t_{e_{1,6},\, \neg e_{2,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{e_{1,6},\, \neg e_{2,6}}$$

$$2996. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{5,6} \lor t_{e_{1,6},\, \neg e_{2,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor \neg e_{4,6}$$

$$2997. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{3,6} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{4,6},\, e_{5,6}} \vdash e_{5,6} \lor \neg e_{3,6} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor \neg e_{4,6}$$

$$2998. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \lor \neg e_{4,6} \lor \neg e_{5,6} \lor$$

$$2999. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,6} \lor t_{e_{1,6},\, \neg e_{2,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{e_{1,6},\, \neg e_{2,6}}$$

$$3000. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\, e_{5,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg t_{e_{4,6},\, e_{5,6}} \lor \neg$$

$$3001. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{5,6} \lor t_{e_{1,6},\, \neg e_{2,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor \neg e_{4,6}$$

$$3002. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \lor \neg e_{4,6} \lor \neg e_{5,6} \lor$$

$$3003. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,6} \lor t_{e_{1,6},\, e_{2,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{e_{1,6},\, e_{2,6}}$$

$$3004. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\, e_{5,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg t_{e_{4,6},\, e_{5,6}} \lor \neg$$

$$3005. \ \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{5,6} \lor t_{e_{1,6},\, e_{2,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg e_{4,6} \lor t_{e_{1,6},\, e_{2,6}}$$

$$3006. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,6} \lor t_{e_{1,6},\, e_{2,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{e_{1,6},\, e_{2,6}}$$

$$3007. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{5,6} \lor t_{e_{1,6},\, e_{2,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg e_{4,6} \lor t_{e_{1,6},\, e_{2,6}}$$

$$3008. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{3,6} \lor t_{e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, e_{5,6}} \vdash e_{5,6} \lor \neg e_{4,6} \lor e_{3,6} \lor t_{e_{1,6},\, e_{2,6}}$$

$$3009. \ \ e_{4,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{4,5} \lor \lnot e_{4,6} \lor \lnot t_{\lnot e_{4,5}, \lnot e_{4,6}} \vdash \lnot t_{\lnot e_{4,5}, \lnot e_{4,6}} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot e_{4,5}$$

3010.
$$e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,4}, \neg e_{2,4}}$$

$$3011. \ e_{4,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{4,6} \lor t_{\lnot e_{1,4}, \lnot e_{2,4}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{1,4}, \lnot e_{2,4}}$$

3012.
$$e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{4,5} \lor \neg e_{4,6} \lor \neg t_{e_{4,5}, \neg e_{4,6}} \vdash e_{4,5} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{4,5}, \neg e_{4,6}}$$

$$3013. \ e_{4,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{4,6} \lor t_{\lnot e_{1,4}, \, e_{2,4}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{1,4}, \, e_{2,4}}$$

$$3014. \ e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{4,5} \lor \neg e_{4,6} \lor \neg t_{e_{4,5}, \neg e_{4,6}} \vdash e_{4,5} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{4,5}, \neg e_{4,6}}$$

$$3015. \ e_{4,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{4,5} \lor \lnot e_{4,6} \lor \lnot t_{\lnot e_{4,5}, \lnot e_{4,6}} \vdash \lnot t_{\lnot e_{4,5}, \lnot e_{4,6}} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot e_{4,5}$$

3016.
$$e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4}, e_{2,4}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,4}, e_{2,4}}$$

3017.
$$e_{4,6} \lor t_{e_{1,6}}, \neg e_{2,6}, \neg e_{4,6} \lor t_{e_{1,4}}, \neg e_{2,4} \vdash t_{e_{1,6}}, \neg e_{2,6} \lor t_{e_{1,4}}, \neg e_{2,4}$$

$$3018. \ \ e_{4,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, e_{4,5} \lor \lnot e_{4,6} \lor \lnot t_{e_{4,5}, \lnot e_{4,6}} \vdash e_{4,5} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{e_{4,5}, \lnot e_{4,6}}$$

$$3019. \ \ e_{4,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{4,5} \lor \lnot e_{4,6} \lor \lnot t_{\lnot e_{4,5}, \lnot e_{4,6}} \vdash \lnot t_{\lnot e_{4,5}, \lnot e_{4,6}} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot e_{4,5}$$

$$3020. \ e_{4,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{4,6} \lor t_{e_{1,4}, \lnot e_{2,4}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor t_{e_{1,4}, \lnot e_{2,4}}$$

$$3021. \ e_{4,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{4,5} \lor \lnot e_{4,6} \lor \lnot t_{\lnot e_{4,5}, \lnot e_{4,6}} \vdash \lnot t_{\lnot e_{4,5}, \lnot e_{4,6}} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot e_{4,5}$$

3022.
$$e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,4}, e_{2,4}}$$

3023.
$$e_{4,6} \lor t_{e_{1,6}}, \neg e_{2,6}, \neg e_{4,6} \lor t_{e_{1,4}}, e_{2,4} \vdash t_{e_{1,6}}, \neg e_{2,6} \lor t_{e_{1,4}}, e_{2,4}$$

$$3024. \ e_{4,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, e_{4,5} \lor \lnot e_{4,6} \lor \lnot t_{e_{4,5}, \lnot e_{4,6}} \vdash e_{4,5} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{e_{4,5}, \lnot e_{4,6}}$$

$$3025. \ e_{4,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{\lnot e_{4,6}, \lnot e_{5,6}} \vdash \lnot e_{5,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{\lnot e_{4,6}, \lnot e_{5,6}} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}} \lor \lnot t_{\lnot e_{4,6}, \lnot e_{5,6}} \lor t_{\lnot e_{4,6},$$

3026.
$$e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$3027. \ e_{4,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{4,6} \lor e_{5,6} \lor \lnot t_{\lnot e_{4,6}, e_{5,6}} \vdash e_{5,6} \lor \lnot t_{\lnot e_{4,6}, e_{5,6}} \lor t_{e_{1,6}, \lnot e_{2,6}}$$

3028.
$$e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$3029. \ e_{4,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{4,6} \lor e_{5,6} \lor \lnot t_{\lnot e_{4,6}, e_{5,6}} \vdash e_{5,6} \lor \lnot t_{\lnot e_{4,6}, e_{5,6}} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{e_{1,6}, \lnot e_$$

3030.
$$e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

3031.
$$e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \vdash \neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}$$

3032.
$$e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

3033.
$$e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \lor t_{e_{1,6}, \neg e_{2,6}}$$

3034.
$$e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}}$$

3035.
$$e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \vdash \neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}$$

3036.
$$e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}}$$

$$3037. \ e_{4,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{\lnot e_{4,6}, \lnot e_{5,6}} \vdash \lnot e_{5,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{\lnot e_{4,6}, \lnot e_{5,6}} \lor t_{\lnot e_{4,$$

3038.
$$e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,6}, e_{2,6}}$$

3039.
$$e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \lor t_{e_{1,6}, \neg e_{2,6}}$$

3040.
$$e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,6}, e_{2,6}}$$

3041.
$$\neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,5}, \neg e_{2,5}}$$

3042.
$$\neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5}, e_{5,6}} \vdash \neg t_{e_{4,5}, e_{5,6}} \lor e_{4,5} \lor t_{e_{1,6}, \neg e_{2,6}}$$

$$3043. \ \, \neg e_{5,6} \lor t_{e_{1,6}, \, \neg e_{2,6}}, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5}, \, e_{5,6}} \vdash \neg t_{\neg e_{4,5}, \, e_{5,6}} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg e_{4,5}$$

$$3044. \ \, \neg e_{5,6} \lor t_{e_{1,6}, \, \neg e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,5}, \, \neg e_{2,5}} \vdash t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{\neg e_{1,5}, \, \neg e_{2,5}}$$

$$3045. \ \, \neg e_{5,6} \lor t_{e_{1,6}, \, \neg e_{2,6}}, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5}, \, e_{5,6}} \vdash \neg t_{\neg e_{4,5}, \, e_{5,6}} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg e_{4,5}$$

3046.
$$\neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,5}, e_{2,5}}$$

3047.
$$\neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,5}, e_{2,5}}$$

3048.
$$\neg e_{5,6} \lor t_{e_{1,6}}, \neg e_{2,6}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5}, e_{5,6}} \vdash \neg t_{e_{4,5}, e_{5,6}} \lor e_{4,5} \lor t_{e_{1,6}, \neg e_{2,6}}$$

$$3049. \ \, \neg e_{5,6} \lor t_{e_{1,6}, \, \neg e_{2,6}}, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5}, \, e_{5,6}} \vdash \neg t_{\neg e_{4,5}, \, e_{5,6}} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg e_{4,5}$$

3050.
$$\neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{5,6} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,5}, \neg e_{2,5}}$$

3051.
$$\neg e_{5,6} \lor t_{e_{1,6}}, \neg e_{2,6}, e_{5,6} \lor t_{e_{1,5}}, \neg e_{2,5} \vdash t_{e_{1,6}}, \neg e_{2,6} \lor t_{e_{1,5}}, \neg e_{2,5}$$

$$3052. \ \, \neg e_{5,6} \lor t_{e_{1,6},\, \neg e_{2,6}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5},\, e_{5,6}} \vdash \neg t_{e_{4,5},\, e_{5,6}} \lor e_{4,5} \lor t_{e_{1,6},\, \neg e_{2,6}}$$

$$3053. \ \, \neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{5,6} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,5}, e_{2,5}}$$

3054.
$$\neg e_{5,6} \lor t_{e_{1,6}}, \neg e_{2,6}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5}}, e_{5,6} \vdash \neg t_{e_{4,5}}, e_{5,6} \lor e_{4,5} \lor t_{e_{1,6}}, \neg e_{2,6}$$

$$3055. \ \, \neg e_{5,6} \lor t_{e_{1,6}, \, \neg e_{2,6}}, \, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5}, \, e_{5,6}} \vdash \neg t_{\neg e_{4,5}, \, e_{5,6}} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg e_{4,5}$$

$$3056. \ \, \neg e_{5,6} \lor t_{e_{1,6},\, \neg e_{2,6}}, e_{5,6} \lor t_{e_{1,5},\, e_{2,5}} \vdash t_{e_{1,6},\, \neg e_{2,6}} \lor t_{e_{1,5},\, e_{2,5}}$$

3057.
$$\neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

3058.
$$\neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}} \vdash e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{4,6}, e_{5,6}}$$

$$3059. \ \, \neg e_{5,6} \lor t_{e_{1,6}, \, \neg e_{2,6}}, \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, \, e_{5,6}} \vdash \neg t_{\neg e_{4,6}, \, e_{5,6}} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg e_{4,6}$$

3060.
$$\neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$3061. \ \, \neg e_{5,6} \lor t_{e_{1,6}, \, \neg e_{2,6}}, \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, \, e_{5,6}} \vdash \neg t_{\neg e_{4,6}, \, e_{5,6}} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg e_{4,6}$$

3062.
$$\neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

3063.
$$\neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

$$3064. \ \, \neg e_{5,6} \lor t_{e_{1,6},\, \neg e_{2,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\, e_{5,6}} \vdash e_{4,6} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{e_{4,6},\, e_{5,6}}$$

$$3065. \ \, \neg e_{5,6} \lor t_{e_{1,6}, \, \neg e_{2,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, \, e_{5,6}} \vdash \neg t_{\neg e_{4,6}, \, e_{5,6}} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg e_{4,6}$$

3066.
$$\neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}}$$

3067.
$$\neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}}$$

3068.
$$\neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}} \vdash e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{4,6}, e_{5,6}}$$

3069.
$$\neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,6}, e_{2,6}}$$

$$3070. \ \neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}} \vdash e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{4,6}, e_{5,6}}$$

$$3071. \ \, \neg e_{5,6} \lor t_{e_{1,6}, \, \neg e_{2,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, \, e_{5,6}} \vdash \neg t_{\neg e_{4,6}, \, e_{5,6}} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg e_{4,6}$$

3072.
$$\neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,6}, e_{2,6}}$$

$$3073. \ \, \neg e_{3,6} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \, e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor t_{\neg e_{4,6}, \, e_{5,6}} \lor t_{e_{1,6}, \, \neg e_{2,6}}$$

$$3074. \ \neg e_{3,6} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \, e_{5,6}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5}, \, e_{3,6}} \vdash e_{3,5} \lor t_{\neg e_{4,6}, \, e_{5,6}} \lor \neg t_{e_{3,5}, \, e_{3,6}} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{e_{3,5}, \, e_{3,6}} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{e_{3,6}, \, e_{3,6}} \lor \neg t_{e_{3,6}, \, e_{3,6}}$$

$$3075. \ \neg e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5}, e_{3,6}} \vdash t_{\neg e_{4,6}, e_{5,6}} \lor \neg t_{\neg e_{3,5}, e_{3,6}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{3,5}$$

$$3076. \ \, \neg e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{\neg e_{4,6}, e_{5,6}} \lor t_{e_{1,6}, \neg e_{2,6}}$$

$$3077. \ \neg e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5}, e_{3,6}} \vdash t_{\neg e_{4,6}, e_{5,6}} \lor \neg t_{\neg e_{3,5}, e_{3,6}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{3,5}$$

$$3078. \ \neg e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{4,6}, e_{5,6}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,6}, \neg e_{2,6}}$$

$$3079. \ \, \neg e_{3,6} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \, e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,3}, \, e_{2,3}} \vdash t_{\neg e_{4,6}, \, e_{5,6}} \lor t_{\neg e_{1,3}, \, e_{2,3}} \lor t_{e_{1,6}, \, \neg e_{2,6}}$$

$$3080. \ \, \neg e_{3,6} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{4,6},\, e_{5,6}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5},\, e_{3,6}} \vdash e_{3,5} \lor t_{\neg e_{4,6},\, e_{5,6}} \lor \neg t_{e_{3,5},\, e_{3,6}} \lor t_{e_{1,6},\, \neg e_{2,6}}$$

$$3081. \ \, \neg e_{3,6} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \, e_{5,6}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5}, \, e_{3,6}} \vdash t_{\neg e_{4,6}, \, e_{5,6}} \lor \neg t_{\neg e_{3,5}, \, e_{3,6}} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg e_{3,5}$$

$$3082. \ \, \neg e_{3,6} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{4,6},\, e_{5,6}}, e_{3,6} \lor t_{e_{1,3},\, \neg e_{2,3}} \vdash t_{e_{1,3},\, \neg e_{2,3}} \lor t_{\neg e_{4,6},\, e_{5,6}} \lor t_{e_{1,6},\, \neg e_{2,6}}$$

$$3083. \ \, \neg e_{3,6} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \, e_{5,6}}, e_{3,6} \lor t_{e_{1,3}, \, \neg e_{2,3}} \vdash t_{e_{1,3}, \, \neg e_{2,3}} \lor t_{\neg e_{4,6}, \, e_{5,6}} \lor t_{e_{1,6}, \, \neg e_{2,6}}$$

$$3084. \ \, \neg e_{3,6} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \, e_{5,6}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5}, \, e_{3,6}} \vdash e_{3,5} \lor t_{\neg e_{4,6}, \, e_{5,6}} \lor \neg t_{e_{3,5}, \, e_{3,6}} \lor t_{e_{1,6}, \, \neg e_{2,6}}$$

$$3085. \ \, \neg e_{3,6} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \, e_{5,6}}, e_{3,6} \lor t_{e_{1,3}, \, e_{2,3}} \vdash t_{\neg e_{4,6}, \, e_{5,6}} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{1,3}, \, e_{2,3}}$$

$$3086. \ \, \neg e_{3,6} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{4,6},\, e_{5,6}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5},\, e_{3,6}} \vdash e_{3,5} \lor t_{\neg e_{4,6},\, e_{5,6}} \lor \neg t_{e_{3,5},\, e_{3,6}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{e_{3,5},\, e_{3,6}} \lor \neg t_{e_{3,5},\, e$$

$$3087. \ \neg e_{3,6} \lor t_{e_{1,6}}, \neg e_{2,6} \lor t_{\neg e_{4,6}, e_{5,6}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5}, e_{3,6}} \vdash t_{\neg e_{4,6}, e_{5,6}} \lor \neg t_{\neg e_{3,5}, e_{3,6}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{3,5}$$

$$3088. \ \, \neg e_{3,6} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \, e_{5,6}}, e_{3,6} \lor t_{e_{1,3}, \, e_{2,3}} \vdash t_{\neg e_{4,6}, \, e_{5,6}} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{1,3}, \, e_{2,3}}$$

$$3089. \ \, \neg e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}} \vdash t_{\neg e_{4,6}, e_{5,6}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$3090. \ \neg e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \vdash t_{\neg e_{4,6}, e_{5,6}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor$$

$$3091. \ \neg e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_$$

$$3092. \ \, \neg e_{3,6} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \, e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{e_{4,6}, \, e_{5,6}} \vdash t_{e_{4,6}, \, e_{5,6}} \lor t_{\neg e_{1,6}, \, e_{2,6}} \lor t_{\neg e_{4,6}, \, e_{5,6}} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{1,6}, \, e_{2,6}} \lor t_{e_{2,6}} \lor t_{$$

$$3093. \ \, \neg e_{3,6} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \, e_{5,6}}, e_{3,6} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \, \neg e_{5,6}} \vdash t_{\neg e_{4,6}, \, e_{5,6}} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \, \neg e_{5,6}}$$

$$3094. \ \, \neg e_{3,6} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \, e_{5,6}}, e_{3,6} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{4,6}, \, e_{5,6}} \vdash t_{e_{4,6}, \, e_{5,6}} \lor t_{\neg e_{4,6}, \, e_{5,6}} \lor t_{e_{1,6}, \, \neg e_{2,6}}, e_{3,6} \lor t_{e_{4,6}, \, e_{5,6}} \lor t_{e_{4,6}, \, e_{5$$

$$3095. \ \, \neg e_{3,6} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \, e_{5,6}}, e_{3,6} \lor t_{e_{1,6}, \, e_{2,6}} \lor t_{\neg e_{4,6}, \, e_{5,6}} \vdash t_{\neg e_{4,6}, \, e_{5,6}} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{1,6}, \, e_{2,6}} \lor t_$$

$$3096. \ \neg e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}}, e_{3,6} \lor t_{e_{1,6}, e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \vdash t_{\neg e_{4,6}, e_{5,6}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \lor t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor e_{1,6} \lor$$

$$3097. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$3098. \ \ e_{1,6} \lor \lnot e_{2,6} \lor \lnot t_{e_{1,6},\lnot e_{2,6}}, \lnot e_{1,5} \lor \lnot e_{1,6} \lor \lnot t_{\lnot e_{1,5},\lnot e_{1,6}} \vdash \lnot e_{1,5} \lor \lnot t_{e_{1,6},\lnot e_{2,6}} \lor \lnot t_{\lnot e_{1,5},\lnot e_{1,6}} \lor \lnot e_{2,6} \lor e_{2,6} \lor \lnot e_{2,6} \lor \lnot e_{2,6} \lor e_{2,$$

$$3099. \ \ e_{1,6} \lor \lnot e_{2,6} \lor \lnot t_{e_{1,6},\lnot e_{2,6}}, e_{1,5} \lor \lnot e_{1,6} \lor \lnot t_{e_{1,5},\lnot e_{1,6}} \vdash e_{1,5} \lor \lnot t_{e_{1,5},\lnot e_{1,6}} \lor \lnot t_{e_{1,6},\lnot e_{2,6}} \lor \lnot e_{2,6} \lor e_{$$

$$3100. \ \ e_{1,6} \lor \lnot e_{2,6} \lor \lnot t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{1,6} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor \lnot t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot e_{2,6}$$

$$3101. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{1,5} \lor \neg e_{1,6} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e$$

$$3102. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$3103. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$3104. \ \ e_{1,6} \lor \lnot e_{2,6} \lor \lnot t_{e_{1,6},\lnot e_{2,6}}, \lnot e_{1,5} \lor \lnot e_{1,6} \lor \lnot t_{\lnot e_{1,5},\lnot e_{1,6}} \vdash \lnot e_{1,5} \lor \lnot t_{e_{1,6},\lnot e_{2,6}} \lor \lnot t_{\lnot e_{1,5},\lnot e_{1,6}} \lor \lnot e_{2,6} \lor e_{2,6} \lor \lnot e_{2,6} \lor \lnot e_{2,6} \lor e_{2,$$

$$3105. \ \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{1,5} \lor \neg e_{1,6} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg$$

$$3106. \ \ e_{1,6} \lor \lnot e_{2,6} \lor \lnot t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{1,6} \lor t_{\lnot e_{1,2}, e_{1,3}} \vdash t_{\lnot e_{1,2}, e_{1,3}} \lor \lnot t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot e_{2,6}$$

3107.
$$e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$3108. \ \ e_{1,6} \lor \lnot e_{2,6} \lor \lnot t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{1,5} \lor \lnot e_{1,6} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{1,6}} \vdash \lnot e_{1,5} \lor \lnot t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{1,6}} \lor \lnot e_{2,6} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{1,6}} \lor \lnot e_{2,6} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{1,6}} \lor \lnot e_{2,6} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{1,6}} \lor \lnot e_{2,6} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{1,6}} \lor \lnot e_{2,6} \lor e_{2,6} \lor \lnot e_{2,6} \lor e_{2,6} \lor \lnot e_{2,6} \lor \lnot e_{2,6} \lor e$$

$$3109. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg e_{2,6}$$

$$3110. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,5} \lor \neg e_{1,6} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg e_{1,5} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor \neg e_{2,6}$$

$$3111. \ e_{1,6} \vee \neg e_{2,6} \vee \neg t_{e_{1,6}, \neg e_{2,6}}, e_{1,5} \vee \neg e_{1,6} \vee \neg t_{e_{1,5}, \neg e_{1,6}} \vdash e_{1,5} \vee \neg t_{e_{1,5}, \neg e_{1,6}} \vee \neg t_{e_{1,6}, \neg e_{2,6}} \vee \neg e_{2,6} \vee \neg e$$

$$3112. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg e_{2,6}$$

3113.
$$e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,6}$$

$$3114. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{2,5}, e_{2,6}} \lor e_{2,5} \lor e_{1,6}$$

$$3115. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor \neg e_{2,6} \lor \neg e$$

$$3116. \ e_{1,6} \vee \neg e_{2,6} \vee \neg t_{e_{1,6}, \neg e_{2,6}}, e_{2,6} \vee t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \vee t_{\neg e_{1,2}, \neg e_{2,3}} \vee e_{1,6}$$

$$3117. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor \neg e_{2,6} \lor \neg e$$

$$3118. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$3119. \ e_{1,6} \vee \neg e_{2,6} \vee \neg t_{e_{1,6}, \, \neg e_{2,6}}, e_{2,6} \vee t_{\neg e_{1,2}, \, e_{2,3}} \vdash \neg t_{e_{1,6}, \, \neg e_{2,6}} \vee e_{1,6} \vee t_{\neg e_{1,2}, \, e_{2,3}}$$

$$3120. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{2,5}, e_{2,6}} \lor e_{2,5} \lor e_{1,6}$$

$$3121. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor \neg e_{2,6} \lor \neg e$$

$$3122. \ e_{1,6} \vee \neg e_{2,6} \vee \neg t_{e_{1,6}, \, \neg e_{2,6}}, e_{2,6} \vee t_{e_{1,2}, \, \neg e_{2,3}} \vdash \neg t_{e_{1,6}, \, \neg e_{2,6}} \vee t_{e_{1,2}, \, \neg e_{2,3}} \vee e_{1,6}$$

$$3123. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6}$$

$$3124. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{2,5}, e_{2,6}} \lor e_{2,5} \lor e_{1,6}$$

$$3125. \ e_{1,6} \vee \neg e_{2,6} \vee \neg t_{e_{1,6},\, \neg e_{2,6}}, e_{2,6} \vee t_{e_{1,2},\, e_{2,3}} \vdash \neg t_{e_{1,6},\, \neg e_{2,6}} \vee t_{e_{1,2},\, e_{2,3}} \vee e_{1,6}$$

$$3126. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{2,5}, e_{2,6}} \lor e_{2,5} \lor e_{1,6}$$

$$3127. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor \neg e_{2,6} \lor \neg e$$

$$3128. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,6}$$

$$3129. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e_{2,$$

$$3130. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6}$$

$$3131. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e_{2,$$

$$3132. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6}$$

$$3133. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,$$

3134.
$$e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6}$$

$$3135. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e_{2,$$

3136.
$$e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6}$$

3137.
$$e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash e_{4,6} \lor e_{1,6} \lor \neg e_{2,6}$$

$$3138. \ e_{1,6} \vee \neg e_{2,6} \vee \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{5,6} \vee t_{e_{1,6}, \neg e_{2,6}} \vdash \neg e_{5,6} \vee e_{1,6} \vee \neg e_{2,6}$$

$$3139. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}} \vdash \neg e_{3,6} \lor t_{\neg e_{4,6}, e_{5,6}} \lor e_{1,6} \lor \neg e_{2,6}$$

3140.
$$e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash \neg e_{4,6} \lor e_{1,6} \lor \neg e_{2,6}$$

3141.
$$e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash e_{5,6} \lor e_{1,6} \lor \neg e_{2,6}$$

$$3142. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \vdash \neg e_{3,6} \lor t_{e_{4,6}, \neg e_{5,6}} \lor e_{1,6} \lor \neg e_{2,6}$$

3143.
$$e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash e_{4,6} \lor e_{1,6} \lor \neg e_{2,6}$$

3144.
$$e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash e_{5,6} \lor e_{1,6} \lor \neg e_{2,6}$$

$$3145. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \vdash t_{\neg e_{4,6}, \neg e_{5,6}} \lor e_{3,6} \lor e_{1,6} \lor \neg e_{2,6}$$

$$3146. \ e_{1,6} \vee \neg e_{2,6} \vee \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \vee t_{e_{1,6}, \neg e_{2,6}} \vdash \neg e_{4,6} \vee e_{1,6} \vee \neg e_{2,6}$$

3147.
$$e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash \neg e_{5,6} \lor e_{1,6} \lor \neg e_{2,6}$$

3148.
$$e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, e_{5,6}} \vdash t_{e_{4,6}, e_{5,6}} \lor e_{3,6} \lor e_{1,6} \lor \neg e_{2,6}$$

$$3149. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6}$$

$$3150. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,6}, e_{2,6}} \lor \neg e_{2,6}$$

$$3151. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6}$$

$$3152. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,6}, e_{2,6}} \lor \neg e_{2,6}$$

$$3153. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6}$$

$$3154. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,6}, e_{2,6}} \lor \neg e_{2,6}$$

$$3155. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6}$$

3156.
$$e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,6}, e_{2,6}} \lor \neg e_{2,6}$$

3157.
$$\neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{1,5} \lor e_{1,6} \lor \neg t_{e_{1,5}, e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, e_{1,6}} \lor t_{e_{1,6}, \neg e_{2,6}}$$

3158.
$$\neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{1,3}}$$

3159.
$$\neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{1,3}}$$

$$3160. \ \, \neg e_{1,6} \lor t_{e_{1,6}, \, \neg e_{2,6}}, \neg e_{1,5} \lor e_{1,6} \lor \neg t_{\neg e_{1,5}, \, e_{1,6}} \vdash \neg e_{1,5} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{\neg e_{1,5}, \, e_{1,6}}$$

3161.
$$\neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$3162. \ \, \neg e_{1,6} \lor t_{e_{1,6}, \, \neg e_{2,6}}, \neg e_{1,5} \lor e_{1,6} \lor \neg t_{\neg e_{1,5}, \, e_{1,6}} \vdash \neg e_{1,5} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{\neg e_{1,5}, \, e_{1,6}}$$

$$3163. \ \, \neg e_{1,6} \lor t_{e_{1,6},\, \neg e_{2,6}}, e_{1,5} \lor e_{1,6} \lor \neg t_{e_{1,5},\, e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5},\, e_{1,6}} \lor t_{e_{1,6},\, \neg e_{2,6}}$$

3164.
$$\neg e_{1,6} \lor t_{e_{1,6}}, \neg e_{2,6}, e_{1,6} \lor t_{e_{1,2}}, \neg e_{1,3} \vdash t_{e_{1,6}}, \neg e_{2,6} \lor t_{e_{1,2}}, \neg e_{1,3}$$

3165.
$$\neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{1,3}}$$

3166.
$$\neg e_{1,6} \lor t_{e_{1,6}}, \neg e_{2,6}, \neg e_{1,5} \lor e_{1,6} \lor \neg t_{\neg e_{1,5}}, e_{1,6} \vdash \neg e_{1,5} \lor t_{e_{1,6}}, \neg e_{2,6} \lor \neg t_{\neg e_{1,5}}, e_{1,6}$$

3167.
$$\neg e_{1,6} \lor t_{e_{1,6}}, \neg e_{2,6}, e_{1,5} \lor e_{1,6} \lor \neg t_{e_{1,5}}, e_{1,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}}, e_{1,6} \lor t_{e_{1,6}}, \neg e_{2,6}$$

3168.
$$\neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{1,3}}$$

$$3169. \ \, \neg e_{1,6} \lor t_{e_{1,6},\, \neg e_{2,6}}, e_{1,5} \lor e_{1,6} \lor \neg t_{e_{1,5},\, e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5},\, e_{1,6}} \lor t_{e_{1,6},\, \neg e_{2,6}}$$

$$3170. \ \, \neg e_{1,6} \vee t_{e_{1,6},\, \neg e_{2,6}}, e_{1,6} \vee t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash t_{e_{1,6},\, \neg e_{2,6}} \vee t_{\neg e_{1,2},\, \neg e_{1,3}}$$

3171.
$$\neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$3172. \ \, \neg e_{1,6} \lor t_{e_{1,6}, \, \neg e_{2,6}}, \neg e_{1,5} \lor e_{1,6} \lor \neg t_{\neg e_{1,5}, \, e_{1,6}} \vdash \neg e_{1,5} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{\neg e_{1,5}, \, e_{1,6}}$$

3173.
$$\neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

3174.
$$\neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

3175.
$$\neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

3176.
$$\neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

3177.
$$\neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

3178.
$$\neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

3179.
$$\neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

3180.
$$\neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

$$3181. \ \, \neg e_{1,6} \lor t_{e_{1,6}, \, \neg e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \, \neg e_{2,6}} \vdash t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$3182. \ \, \neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$3183. \ \, \neg e_{1,6} \lor t_{e_{1,6}, \, \neg e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \, \neg e_{2,6}} \vdash t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$3184. \ \, \neg e_{1,6} \lor t_{e_{1,6}, \, \neg e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \, \neg e_{2,6}} \vdash t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg e_{2,6}$$

3185.
$$\neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,6}$$

3186.
$$\neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,6}$$

$$3187. \ \, \neg e_{1,6} \lor t_{e_{1,6},\, \neg e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\, e_{2,6}} \vdash \neg t_{e_{1,6},\, e_{2,6}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor e_{2,6}$$

$$3188. \ \, \neg e_{1,6} \lor t_{e_{1,6},\, \neg e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\, e_{2,6}} \vdash \neg t_{e_{1,6},\, e_{2,6}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor e_{2,6}$$

$$3189. \ e_{2,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{2,5} \lor \lnot e_{2,6} \lor \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor \lnot e_{2,5}$$

3190.
$$e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

3191.
$$e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

3192.
$$e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

3193.
$$e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

3194.
$$e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

3195.
$$e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,5}$$

3196.
$$e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

3197.
$$e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

3198.
$$e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$3199. \ e_{2,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{2,5} \lor \lnot e_{2,6} \lor \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor \lnot e_{2,5}$$

3200.
$$e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

3201.
$$e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,5}$$

3202.
$$e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}$$

$$3203. \ e_{2,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{2,6} \lor t_{e_{1,2}, \, e_{2,3}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor t_{e_{1,2}, \, e_{2,3}}$$

3204.
$$e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$3205. \ e_{2,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{1,6} \lor \lnot e_{2,6} \lor \lnot t_{\lnot e_{1,6}, \lnot e_{2,6}} \vdash \lnot e_{1,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{\lnot e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{1,$$

$$3206. \ e_{2,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{1,6} \lor \lnot e_{2,6} \lor \lnot t_{\lnot e_{1,6}, \lnot e_{2,6}} \vdash \lnot e_{1,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{\lnot e_{1,6}, \lnot e_{2,6}}$$

$$3207. \ e_{2,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{1,6} \lor \lnot e_{2,6} \lor \lnot t_{\lnot e_{1,6}, \lnot e_{2,6}} \vdash \lnot e_{1,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{\lnot e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{1,$$

$$3208. \ e_{2,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{1,6} \lor \lnot e_{2,6} \lor \lnot t_{\lnot e_{1,6}, \lnot e_{2,6}} \vdash \lnot e_{1,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{\lnot e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{1,$$

$$3209. \ e_{2,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{2,6} \lor t_{\lnot e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{1,6}, e_{2,6}}$$

3210.
$$e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

3211.
$$e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

$$3212. \ e_{2,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{2,6} \lor t_{\lnot e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{1,6}, e_{2,6}}$$

$$3213. \ e_{2,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, e_{1,6} \lor \lnot e_{2,6} \lor \lnot t_{e_{1,6}, \lnot e_{2,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{e_{1,6}, \lnot e_{2,6}} \lor e_{1,6}$$

$$3214. \ e_{2,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, e_{1,6} \lor \lnot e_{2,6} \lor \lnot t_{e_{1,6}, \lnot e_{2,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{e_{1,6}, \lnot e_{2,6}} \lor e_{1,6}$$

$$3215. \ e_{2,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, e_{1,6} \lor \lnot e_{2,6} \lor \lnot t_{e_{1,6}, \lnot e_{2,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{e_{1,6}, \lnot e_{2,6}} \lor e_{1,6}$$

$$3216. \ \ e_{2,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, e_{1,6} \lor \lnot e_{2,6} \lor \lnot t_{e_{1,6}, \lnot e_{2,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{e_{1,6}, \lnot e_{2,6}} \lor e_{1,6}$$

3217.
$$e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,6}, e_{2,6}}$$

3218.
$$e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,6}, e_{2,6}}$$

3219.
$$e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,6}, e_{2,6}}$$

3220.
$$e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,6}, e_{2,6}}$$

$$3221. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{4,5} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,5}, \neg e_{4,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,5}, \neg e_{4,6}} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor \neg e_{4,5}$$

$$3222. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6},\,\neg e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4},\,\neg e_{2,4}} \vdash \neg t_{e_{4,6},\,\neg e_{5,6}} \lor \neg e_{5,6} \lor t_{\neg e_{1,4},\,\neg e_{2,4}}$$

$$3223. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \vdash \neg t_{e_{4,6}, \neg e_{5,6}} \lor \neg e_{5,6} \lor t_{\neg e_{1,4}, \neg e_{2,4}}$$

$$3224. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{4,5} \lor \neg e_{4,6} \lor \neg t_{e_{4,5}, \neg e_{4,6}} \vdash \neg e_{5,6} \lor e_{4,5} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor \neg t_{e_{4,5}, \neg e_{4,6}} \lor \neg t_{e_{4,6}, \neg e_{4,6}} \lor$$

$$3225. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4}, e_{2,4}} \vdash \neg e_{5,6} \lor t_{\neg e_{1,4}, e_{2,4}} \lor \neg t_{e_{4,6}, \neg e_{5,6}}$$

$$3226. \ \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6},\lnot e_{5,6}}, e_{4,5} \lor \lnot e_{4,6} \lor \lnot t_{e_{4,5},\lnot e_{4,6}} \vdash \lnot e_{5,6} \lor e_{4,5} \lor \lnot t_{e_{4,6},\lnot e_{5,6}} \lor \lnot t_{e_{4,5},\lnot e_{4,6}} \lor t_{e_{4,5},\lnot e_{4,6}} \lor t_{e_{4,5},\lnot e_{4,6}} \lor \lnot t_{e_{4,5},\lnot e_{4,6}} \lor t_{e_{4$$

$$3227. \ \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, \lnot e_{4,5} \lor \lnot e_{4,6} \lor \lnot t_{\lnot e_{4,5}, \lnot e_{4,6}} \vdash \lnot e_{5,6} \lor \lnot t_{\lnot e_{4,5}, \lnot e_{4,6}} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}} \lor \lnot e_{4,5}$$

$$3228. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4}, e_{2,4}} \vdash \neg e_{5,6} \lor t_{\neg e_{1,4}, e_{2,4}} \lor \neg t_{e_{4,6}, \neg e_{5,6}}$$

3229.
$$e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{4,6} \lor t_{e_{1,4}, \neg e_{2,4}} \vdash \neg e_{5,6} \lor t_{e_{1,4}, \neg e_{2,4}} \lor \neg t_{e_{4,6}, \neg e_{5,6}}$$

$$3230. \ \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, e_{4,5} \lor \lnot e_{4,6} \lor \lnot t_{e_{4,5}, \lnot e_{4,6}} \vdash \lnot e_{5,6} \lor e_{4,5} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}} \lor \lnot t_{e_{4,5}, \lnot e_{4,6}} \lor \lnot t_{e_{4,6}, \lnot e_{4,6}} \lor \lnot t_{e_{4,6}, \lnot e_{4,6}} \lor t_{e_{4,6}, \lnot e_{4,6$$

$$3231. \ \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, \lnot e_{4,5} \lor \lnot e_{4,6} \lor \lnot t_{\lnot e_{4,5}, \lnot e_{4,6}} \vdash \lnot e_{5,6} \lor \lnot t_{\lnot e_{4,5}, \lnot e_{4,6}} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}} \lor \lnot e_{4,5} \lor e_{4,5} \lor \lnot e_{4,5} \lor e_{4,$$

3232.
$$e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{4,6} \lor t_{e_{1,4}, \neg e_{2,4}} \vdash \neg e_{5,6} \lor t_{e_{1,4}, \neg e_{2,4}} \lor \neg t_{e_{4,6}, \neg e_{5,6}}$$

$$3233. \ \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, \lnot e_{4,5} \lor \lnot e_{4,6} \lor \lnot t_{\lnot e_{4,5}, \lnot e_{4,6}} \vdash \lnot e_{5,6} \lor \lnot t_{\lnot e_{4,5}, \lnot e_{4,6}} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}} \lor \lnot e_{4,5}$$

$$3234. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \vdash \neg e_{5,6} \lor t_{e_{1,4}, e_{2,4}} \lor \neg t_{e_{4,6}, \neg e_{5,6}}$$

$$3235. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \vdash \neg e_{5,6} \lor t_{e_{1,4}, e_{2,4}} \lor \neg t_{e_{4,6}, \neg e_{5,6}}$$

$$3236. \ \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, e_{4,5} \lor \lnot e_{4,6} \lor \lnot t_{e_{4,5}, \lnot e_{4,6}} \vdash \lnot e_{5,6} \lor e_{4,5} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}} \lor \lnot t_{e_{4,5}, \lnot e_{4,6}} \lor \lnot t_{e_{4,6}, \lnot e_{4,6}} \lor t_{e_{4,6}, \lnot e_$$

$$3237. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash e_{4,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor \neg t_{e_{4,6}, \neg e_{5,6}}$$

$$3238. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5}, e_{5,6}} \vdash e_{4,6} \lor e_{4,5} \lor \neg t_{e_{4,5}, e_{5,6}} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor \neg t_{e_{$$

$$3239. \ \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, \lnot e_{4,5} \lor e_{5,6} \lor \lnot t_{\lnot e_{4,5}, e_{5,6}} \vdash \lnot t_{\lnot e_{4,5}, e_{5,6}} \lor e_{4,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}} \lor \lnot e_{4,5} \lor \lnot e_{4,5}, e_{5,6} \lor \lnot e_{4,6}, e_{5,6} \lor e_$$

$$3240. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash e_{4,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor \neg t_{e_{2,5}, \neg e_{2,5}}, e_{5,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}}$$

$$3241. \ \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, \lnot e_{4,5} \lor e_{5,6} \lor \lnot t_{\lnot e_{4,5}, e_{5,6}} \vdash \lnot t_{\lnot e_{4,5}, e_{5,6}} \lor e_{4,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}} \lor \lnot e_{4,5} \lor \lnot e_{4,5}, e_{5,6} \lor \lnot e_{4,6}, e_{5,6} \lor e_{5,6} \lor \lnot e_{4,6}, e_{5,6} \lor e$$

$$3242. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash e_{4,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,5}, e_{2,5}}$$

$$3243. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,5}, \, e_{2,5}} \vdash e_{4,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,5}, \, e_{2,5}}$$

$$3244. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5}, e_{5,6}} \vdash e_{4,6} \lor e_{4,5} \lor \neg t_{e_{4,5}, e_{5,6}} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor \neg t_{e_{$$

$$3245. \ \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6},\lnot e_{5,6}}, \lnot e_{4,5} \lor e_{5,6} \lor \lnot t_{\lnot e_{4,5},e_{5,6}} \vdash \lnot t_{\lnot e_{4,5},e_{5,6}} \lor e_{4,6} \lor \lnot t_{e_{4,6},\lnot e_{5,6}} \lor \lnot e_{4,5}$$

$$3246. \ \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, e_{5,6} \lor t_{e_{1,5}, \lnot e_{2,5}} \vdash t_{e_{1,5}, \lnot e_{2,5}} \lor e_{4,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, e_{5,6} \lor t_{e_{1,5}, \lnot e_{2,5}} \lor e_{4,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, e_{5,6} \lor t_{e_{1,5}, \lnot e_{2,5}} \lor e_{4,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, e_{5,6} \lor t_{e_{1,5}, \lnot e_{2,5}} \lor e_{4,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, e_{5,6} \lor t_{e_{1,5}, \lnot e_{2,5}} \lor e_{4,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, e_{5,6} \lor t_{e_{4,6}, \lnot e_{5,6}}, e_{5,6}$$

$$3247. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor e_{4,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}$$

$$3248. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5}, e_{5,6}} \vdash e_{4,6} \lor e_{4,5} \lor \neg t_{e_{4,5}, e_{5,6}} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor \neg t_{e_{$$

3249.
$$e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{e_{1,5}, e_{2,5}} \vdash e_{4,6} \lor t_{e_{1,5}, e_{2,5}} \lor \neg t_{e_{4,6}, \neg e_{5,6}}$$

$$3250. \ \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, e_{4,5} \lor e_{5,6} \lor \lnot t_{e_{4,5}, e_{5,6}} \vdash e_{4,6} \lor e_{4,5} \lor \lnot t_{e_{4,5}, e_{5,6}} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}} \lor \lnot t_{e$$

$$3251. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5}, e_{5,6}} \vdash \neg t_{\neg e_{4,5}, e_{5,6}} \lor e_{4,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor \neg e_{4,5}$$

3252.
$$e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{e_{1,5}, e_{2,5}} \vdash e_{4,6} \lor t_{e_{1,5}, e_{2,5}} \lor \neg t_{e_{4,6}, \neg e_{5,6}}$$

$$3253. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \vdash \neg t_{e_{4,6}, \neg e_{5,6}} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg t_{\neg e_{4$$

$$3254. \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, e_{5,6} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}} \vdash e_{4,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}}$$

$$3255. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}} \vdash e_{4,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor \neg t_{e_{4,6}, e_{5,6}} \lor \neg t_{e$$

$$3256. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$3257. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$3258. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash e_{4,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$3259. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \vdash \neg e_{5,6} \lor e_{4,6} \lor e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{3,6}} \lor$$

$$3260. \ \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, \lnot e_{4,6} \lor t_{\lnot e_{1,6}, e_{2,6}} \vdash \lnot e_{5,6} \lor t_{\lnot e_{1,6}, e_{2,6}} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}$$

$$3261. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{4,6}, \neg e_{5,6}}$$

$$3262. \ \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, \lnot e_{3,6} \lor t_{\lnot e_{1,6}, e_{2,6}} \lor t_{e_{4,6}, \lnot e_{5,6}} \vdash \lnot e_{3,6} \lor \lnot e_{5,6} \lor e_{4,6} \lor t_{\lnot e_{1,6}, e_{2,6}}$$

$$3263. \ \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, \lnot e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{\lnot e_{4,6}, \lnot e_{5,6}} \vdash \lnot t_{e_{4,6}, \lnot e_{5,6}} \lor \lnot e_{5,6} \lor \lnot t_{\lnot e_{4,6}, \lnot e_{5,6}} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}} \lor \lnot t_{\lnot e_{4$$

$$3264. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{4,6}, \neg e_{5,6}}$$

$$3265. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}} \vdash e_{4,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor \neg t_{e_{4,6}, e_{5,6}} \lor \neg t_{e$$

$$3266. \ \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, \lnot e_{4,6} \lor t_{\lnot e_{1,6}, e_{2,6}} \vdash \lnot e_{5,6} \lor t_{\lnot e_{1,6}, e_{2,6}} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}$$

$$3267. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash \neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{4,6}, \neg e_{5,6}}$$

$$3268. \ e_{4,6} \vee \neg e_{5,6} \vee \neg t_{e_{4,6},\, \neg e_{5,6}}, e_{5,6} \vee t_{e_{1,6},\, \neg e_{2,6}} \vdash e_{4,6} \vee t_{e_{1,6},\, \neg e_{2,6}} \vee \neg t_{e_{4,6},\, \neg e_{5,6}}$$

$$3269. \ \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \vdash \neg e_{3,6} \lor \neg e_{5,6} \lor e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}}$$

$$3270. \ \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, \lnot e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{\lnot e_{4,6}, \lnot e_{5,6}} \vdash \lnot t_{e_{4,6}, \lnot e_{5,6}} \lor \lnot e_{5,6} \lor \lnot t_{\lnot e_{4,6}, \lnot e_{5,6}} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}} \lor \lnot t_{\lnot e_{4$$

3271.
$$e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{4,6}, \neg e_{5,6}}$$

$$3272. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}} \vdash e_{4,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor \neg t_{e_{4,6}, e_{5,6}}$$

$$3273. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6},\,\neg e_{5,6}}, \neg e_{4,6} \lor t_{e_{1,6},\,\neg e_{2,6}} \vdash \neg e_{5,6} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor \neg t_{e_{4,6},\,\neg e_{5,6}}$$

$$3274. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \vdash \neg t_{e_{4,6}, \neg e_{5,6}} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg t_{\neg e_{4$$

3275.
$$e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}}, \neg e_{5,6}, e_{5,6} \lor t_{e_{1,6}}, e_{2,6} \vdash e_{4,6} \lor \neg t_{e_{4,6}}, \neg e_{5,6} \lor t_{e_{1,6}}, e_{2,6}$$

$$3276. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}} \vdash e_{4,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor \neg t_{e_{4,6}, e_{5,6}} \lor \neg t_{e$$

$$3277. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \vdash \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor t_{e_{1,6}, e_{2,6}}$$

$$3278. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \vdash \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor t_{e_{1,6}, e_{2,6}}$$

3279.
$$e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}}, \neg e_{5,6}, e_{5,6} \lor t_{e_{1,6}}, e_{2,6} \vdash e_{4,6} \lor \neg t_{e_{4,6}}, \neg e_{5,6} \lor t_{e_{1,6}}, e_{2,6}$$

$$3280. \ \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, e_{3,6} \lor t_{e_{1,6}, e_{2,6}} \lor t_{e_{4,6}, \lnot e_{5,6}} \vdash \lnot e_{5,6} \lor e_{4,6} \lor e_{3,6} \lor t_{e_{1,6}, e_{2,6}}$$

3281.
$$\neg e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,4}, \neg e_{2,4}}$$

$$3282. \ \, \neg e_{4,6} \lor t_{e_{1,6},\, \neg e_{2,6}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5},\, e_{4,6}} \vdash e_{4,5} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{e_{4,5},\, e_{4,6}}$$

$$3283. \ \, \neg e_{4,6} \lor t_{e_{1,6},\, \neg e_{2,6}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5},\, e_{4,6}} \vdash t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{4,5},\, e_{4,6}} \lor \neg e_{4,5}$$

3284.
$$\neg e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,4}, \neg e_{2,4}}$$

$$3285. \ \, \neg e_{4,6} \lor t_{e_{1,6},\, \neg e_{2,6}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5},\, e_{4,6}} \vdash t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{4,5},\, e_{4,6}} \lor \neg e_{4,5}$$

3286.
$$\neg e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,4}, e_{2,4}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,4}, e_{2,4}}$$

3287.
$$\neg e_{4,6} \lor t_{e_{1,6}}, \neg e_{2,6}, e_{4,6} \lor t_{\neg e_{1,4}}, e_{2,4} \vdash t_{e_{1,6}}, \neg e_{2,6} \lor t_{\neg e_{1,4}}, e_{2,4}$$

$$3288. \ \, \neg e_{4,6} \lor t_{e_{1,6},\, \neg e_{2,6}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5},\, e_{4,6}} \vdash e_{4,5} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{e_{4,5},\, e_{4,6}}$$

$$3289. \ \, \neg e_{4,6} \lor t_{e_{1,6},\, \neg e_{2,6}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5},\, e_{4,6}} \vdash t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{4,5},\, e_{4,6}} \lor \neg e_{4,5}$$

3290.
$$\neg e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor t_{e_{1,4}, \neg e_{2,4}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,4}, \neg e_{2,4}}$$

3291.
$$\neg e_{4,6} \lor t_{e_{1,6}}, \neg e_{2,6}, e_{4,6} \lor t_{e_{1,4}}, \neg e_{2,4} \vdash t_{e_{1,6}}, \neg e_{2,6} \lor t_{e_{1,4}}, \neg e_{2,4}$$

3292.
$$\neg e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5}, e_{4,6}} \vdash e_{4,5} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{4,5}, e_{4,6}}$$

3293.
$$\neg e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,4}, e_{2,4}}$$

3294.
$$\neg e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5}, e_{4,6}} \vdash e_{4,5} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{4,5}, e_{4,6}}$$

$$3295. \ \, \neg e_{4,6} \lor t_{e_{1,6}, \, \neg e_{2,6}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5}, \, e_{4,6}} \vdash t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{\neg e_{4,5}, \, e_{4,6}} \lor \neg e_{4,5}$$

3296.
$$\neg e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,4}, e_{2,4}}$$

3297.
$$\neg e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$3298. \ \, \neg e_{4,6} \lor t_{e_{1,6},\, \neg e_{2,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\, e_{5,6}} \vdash e_{5,6} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{e_{4,6},\, e_{5,6}}$$

$$3299. \ \, \neg e_{4,6} \lor t_{e_{1,6},\, \neg e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash t_{e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{1,6},\, \neg e_{2,6}}$$

3300.
$$\neg e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \vdash \neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{4,6}, \neg e_{5,6}}$$

3301.
$$\neg e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

$$3302. \ \, \neg e_{4,6} \lor t_{e_{1,6}, \, \neg e_{2,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \, \neg e_{5,6}} \vdash \neg e_{5,6} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{e_{4,6}, \, \neg e_{5,6}}$$

3303.
$$\neg e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

$$3304. \ \, \neg e_{4,6} \lor t_{e_{1,6},\, \neg e_{2,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\, e_{5,6}} \vdash e_{5,6} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{e_{4,6},\, e_{5,6}}$$

3305.
$$\neg e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}}$$

3306.
$$\neg e_{4,6} \lor t_{e_{1,6}}, \neg e_{2,6}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}}, \neg e_{5,6} \vdash \neg e_{5,6} \lor t_{e_{1,6}}, \neg e_{2,6} \lor \neg t_{e_{4,6}}, \neg e_{5,6}$$

3307.
$$\neg e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}}$$

3308.
$$\neg e_{4,6} \lor t_{e_{1,6}}, \neg e_{2,6}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}}, e_{5,6} \vdash e_{5,6} \lor t_{e_{1,6}}, \neg e_{2,6} \lor \neg t_{e_{4,6}}, e_{5,6}$$

3309.
$$\neg e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,6}, e_{2,6}}$$

3310.
$$\neg e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}} \vdash e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{4,6}, e_{5,6}}$$

3311.
$$\neg e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,6}, e_{2,6}}$$

3312.
$$\neg e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \vdash \neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{4,6}, \neg e_{5,6}}$$

$$3313. \ e_{5,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{4,5} \lor \lnot e_{5,6} \lor \lnot t_{\lnot e_{4,5}, \lnot e_{5,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{\lnot e_{4,5}, \lnot e_{5,6}} \lor \lnot e_{4,5}$$

3314.
$$e_{5,6} \lor t_{e_{1,6}}, \neg e_{2,6}, \neg e_{5,6} \lor t_{\neg e_{1,5}}, \neg e_{2,5} \vdash t_{e_{1,6}}, \neg e_{2,6} \lor t_{\neg e_{1,5}}, \neg e_{2,5}$$

3315.
$$e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,5}, \neg e_{2,5}}$$

$$3316. \ e_{5,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, e_{4,5} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,5}, \lnot e_{5,6}} \vdash \lnot t_{e_{4,5}, \lnot e_{5,6}} \lor e_{4,5} \lor t_{e_{1,6}, \lnot e_{2,6}}, e_{4,5} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor e_{4,5} \lor e_$$

3317.
$$e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,5}, e_{2,5}}$$

3318.
$$e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}} \vdash \neg t_{e_{4,5}, \neg e_{5,6}} \lor e_{4,5} \lor t_{e_{1,6}, \neg e_{2,6}}$$

$$3319. \ e_{5,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{4,5} \lor \lnot e_{5,6} \lor \lnot t_{\lnot e_{4,5}, \lnot e_{5,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{\lnot e_{4,5}, \lnot e_{5,6}} \lor \lnot e_{4,5}$$

3320.
$$e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,5}, e_{2,5}}$$

3321.
$$e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,5}, \neg e_{2,5}}$$

$$3322. \ e_{5,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, e_{4,5} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,5}, \lnot e_{5,6}} \vdash \lnot t_{e_{4,5}, \lnot e_{5,6}} \lor e_{4,5} \lor t_{e_{1,6}, \lnot e_{2,6}}$$

$$3323. \ e_{5,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{4,5} \lor \lnot e_{5,6} \lor \lnot t_{\lnot e_{4,5}, \lnot e_{5,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{\lnot e_{4,5}, \lnot e_{5,6}} \lor \lnot e_{4,5}$$

3324.
$$e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,5}, \neg e_{2,5}}$$

$$3325. \ e_{5,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{4,5} \lor \lnot e_{5,6} \lor \lnot t_{\lnot e_{4,5}, \lnot e_{5,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{\lnot e_{4,5}, \lnot e_{5,6}} \lor \lnot e_{4,5}$$

3326.
$$e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,5}, e_{2,5}}$$

3327.
$$e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,5}, e_{2,5}}$$

3328.
$$e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}} \vdash \neg t_{e_{4,5}, \neg e_{5,6}} \lor e_{4,5} \lor t_{e_{1,6}, \neg e_{2,6}}$$

$$3329. \ e_{5,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{\lnot e_{4,6}, \lnot e_{5,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot e_{4,6} \lor \lnot t_{\lnot e_{4,6}, \lnot e_{5,6}}$$

3330.
$$e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

3331.
$$e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

3332.
$$e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \vdash e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{4,6}, \neg e_{5,6}}$$

3333.
$$e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

$$3334. \ e_{5,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}} \vdash e_{4,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}} \lor t_{e_{4,6}, \lnot e_{5,$$

3335.
$$e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}$$

3336.
$$e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

3337.
$$e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}}$$

3338.
$$e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \vdash e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{4,6}, \neg e_{5,6}}$$

$$3339. \ e_{5,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{\lnot e_{4,6}, \lnot e_{5,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot e_{4,6} \lor \lnot t_{\lnot e_{4,6}, \lnot e_{5,6}} \lor \lnot e_{4,6} \lor \lnot t_{\lnot e_{4,6}, \lnot e_{5,6}} \lor \lnot e_{4,6} \lor \lnot t_{\lnot e_{4,6}, \lnot e_{5,6}} \lor \lnot e_{4,6} \lor \lnot t_{\lnot e_{4,6}, \lnot e_{5,6}} \lor \lnot e_{4,6} \lor \lnot t_{\lnot e_{4,6}, \lnot e_{5,6}} \lor \lnot e_{4,6} \lor e_{$$

3340.
$$e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}}$$

$$3341. \ e_{5,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{\lnot e_{4,6}, \lnot e_{5,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot e_{4,6} \lor \lnot t_{\lnot e_{4,6}, \lnot e_{5,6}}$$

3342.
$$e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,6}, e_{2,6}}$$

3343.
$$e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,6}, e_{2,6}}$$

$$3344. \ e_{5,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}} \vdash e_{4,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}} \lor t_{e_{4,6}, \lnot e_{5,6}}$$

$$3345. \ \, \neg e_{3,6} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{4,6}, \, \neg e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{4,6}, \, \neg e_{5,6}}$$

$$3346. \ \, \neg e_{3,6} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{4,6}, \, \neg e_{5,6}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5}, \, e_{3,6}} \vdash e_{3,5} \lor \neg t_{e_{3,5}, \, e_{3,6}} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{4,6}, \, \neg e_{5,6}}$$

$$3347. \ \neg e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5}, e_{3,6}} \vdash \neg t_{\neg e_{3,5}, e_{3,6}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \lor \neg e_{3,5}$$

$$3348. \ \, \neg e_{3,6} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{4,6}, \, \neg e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,3}, \, \neg e_{2,3}} \vdash t_{\neg e_{1,3}, \, \neg e_{2,3}} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{4,6}, \, \neg e_{5,6}}, e_{4,6} \lor t_{e_{4,6}, \, \neg e_{5,6}} \lor t$$

$$3349. \ \, \neg e_{3,6} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{4,6}, \, \neg e_{5,6}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5}, \, e_{3,6}} \vdash \neg t_{\neg e_{3,5}, \, e_{3,6}} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{4,6}, \, \neg e_{5,6}} \lor \neg e_{3,5}$$

$$3350. \ \, \neg e_{3,6} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{4,6}, \, \neg e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,3}, \, e_{2,3}} \vdash t_{\neg e_{1,3}, \, e_{2,3}} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{4,6}, \, \neg e_{5,6}}$$

$$3351. \ \, \neg e_{3,6} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{4,6}, \, \neg e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,3}, \, e_{2,3}} \vdash t_{\neg e_{1,3}, \, e_{2,3}} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{4,6}, \, \neg e_{5,6}}$$

$$3352. \ \neg e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5}, e_{3,6}} \vdash e_{3,5} \lor \neg t_{e_{3,5}, e_{3,6}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \lor t_{e_{4,6}, \neg e_{5,6$$

$$3353. \ \, \neg e_{3,6} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{4,6}, \, \neg e_{5,6}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5}, \, e_{3,6}} \vdash \neg t_{\neg e_{3,5}, \, e_{3,6}} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{4,6}, \, \neg e_{5,6}} \lor \neg e_{3,5}$$

$$3354. \ \, \neg e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}}, e_{3,6} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}}$$

$$3355. \ \, \neg e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}}, e_{3,6} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \lor t_{e_{4,6},$$

$$3356. \ \, \neg e_{3,6} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{4,6}, \, \neg e_{5,6}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5}, \, e_{3,6}} \vdash e_{3,5} \lor \neg t_{e_{3,5}, \, e_{3,6}} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{4,6}, \, \neg e_{5,6}} \lor t_{e_{4,6}, \, \neg e_{5,$$

3357.
$$\neg e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}}, e_{3,6} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \lor t_{e_{1,3}, e_{2,3}}$$

$$3358. \ \, \neg e_{3,6} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{4,6}, \, \neg e_{5,6}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5}, \, e_{3,6}} \vdash e_{3,5} \lor \neg t_{e_{3,5}, \, e_{3,6}} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{4,6}, \, \neg e_{5,6}} \lor t_{e_{4,6}, \, \neg e_{5,$$

$$3359. \ \, \neg e_{3,6} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{4,6}, \, \neg e_{5,6}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5}, \, e_{3,6}} \vdash \neg t_{\neg e_{3,5}, \, e_{3,6}} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{4,6}, \, \neg e_{5,6}} \lor \neg e_{3,5}$$

$$3360. \ \neg e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}}, e_{3,6} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \lor t_{e_{1,3}, e_{2,3}}$$

$$3361. \ \, \neg e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}} \vdash t_{\neg e_{4,6}, e_{5,6}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \lor$$

$$3362. \ \, \neg e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$3363. \ \, \neg e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \lor$$

$$3364. \ \neg e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{4,6}, e_{5,6}} \vdash t_{e_{4,6}, e_{5,6}} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \lor t_{e_{4,6}, \neg e_{5,$$

$$3365. \ \, \neg e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}}, e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}}$$

$$3366. \ \neg e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}}, e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, e_{5,6}} \vdash t_{e_{4,6}, e_{5,6}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}}$$

$$3367. \ \neg e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}}, e_{3,6} \lor t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}} \vdash t_{\neg e_{4,6}, e_{5,6}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \lor t_{e_{1,6}, e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \lor t_{e_{4,6}, \neg e_{5,$$

$$3368. \ \, \neg e_{3,6} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{4,6}, \, \neg e_{5,6}}, e_{3,6} \lor t_{e_{1,6}, \, e_{2,6}} \lor t_{e_{4,6}, \, \neg e_{5,6}} \vdash t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{4,6}, \, \neg e_{5,6}} \lor t_{e_{1,6}, \, e_{2,6}} \lor t_$$

$$3369. \ e_{1,6} \vee \neg e_{2,6} \vee \neg t_{e_{1,6}, \, \neg e_{2,6}}, \neg e_{1,6} \vee t_{e_{1,2}, \, e_{1,3}} \vdash t_{e_{1,2}, \, e_{1,3}} \vee \neg t_{e_{1,6}, \, \neg e_{2,6}} \vee \neg e_{2,6}$$

$$3370. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,5} \lor \neg e_{1,6} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg e_{1,5} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor \neg e_{2,6}$$

$$3371. \ e_{1,6} \vee \neg e_{2,6} \vee \neg t_{e_{1,6}, \neg e_{2,6}}, e_{1,5} \vee \neg e_{1,6} \vee \neg t_{e_{1,5}, \neg e_{1,6}} \vdash e_{1,5} \vee \neg t_{e_{1,5}, \neg e_{1,6}} \vee \neg t_{e_{1,6}, \neg e_{2,6}} \vee \neg e_{2,6} \vee \neg e$$

$$3372. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$3373. \ e_{1,6} \vee \neg e_{2,6} \vee \neg t_{e_{1,6}, \neg e_{2,6}}, e_{1,5} \vee \neg e_{1,6} \vee \neg t_{e_{1,5}, \neg e_{1,6}} \vdash e_{1,5} \vee \neg t_{e_{1,5}, \neg e_{1,6}} \vee \neg t_{e_{1,6}, \neg e_{2,6}} \vee \neg e_{2,6} \vee \neg e$$

$$3374. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$3375. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$3376. \ \ e_{1,6} \lor \lnot e_{2,6} \lor \lnot t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{1,5} \lor \lnot e_{1,6} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{1,6}} \vdash \lnot e_{1,5} \lor \lnot t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{1,6}} \lor \lnot e_{2,6} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{1,6}} \lor \lnot e_{2,6} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{1,6}} \lor \lnot e_{2,6} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{1,6}} \lor \lnot e_{2,6} \lor \lnot t_{\lnot e_{1,5}, \lnot e_{1,6}} \lor \lnot e_{2,6} \lor e_{2,6} \lor \lnot e_{2,6} \lor e_{2,6} \lor \lnot e_{2,6} \lor e_{2,$$

$$3377. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{1,5} \lor \neg e_{1,6} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e$$

$$3378. \ e_{1,6} \vee \neg e_{2,6} \vee \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \vee t_{\neg e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \vee \neg t_{e_{1,6}, \neg e_{2,6}} \vee \neg e_{2,6}$$

$$3379. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$3380. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,5} \lor \neg e_{1,6} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg e_{1,5} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor \neg e_{2,6}$$

$$3381. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg e_{2,6}$$

$$3382. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,5} \lor \neg e_{1,6} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg e_{1,5} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor \neg e_{2,6}$$

$$3383. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{1,5} \lor \neg e_{1,6} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e$$

$$3384. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg e_{2,6}$$

$$3385. \ e_{1,6} \vee \neg e_{2,6} \vee \neg t_{e_{1,6}, \neg e_{2,6}}, e_{2,6} \vee t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \vee t_{\neg e_{1,2}, \neg e_{2,3}} \vee e_{1,6}$$

$$3386. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{2,5}, e_{2,6}} \lor e_{2,5} \lor e_{1,6}$$

$$3387. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor \neg e_{2,6} \lor \neg e$$

$$3388. \ e_{1,6} \vee \neg e_{2,6} \vee \neg t_{e_{1,6}, \neg e_{2,6}}, e_{2,6} \vee t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \vee t_{\neg e_{1,2}, \neg e_{2,3}} \vee e_{1,6}$$

$$3389. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor \neg e_{2,6} \lor \neg e$$

3390.
$$e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}}$$

3391.
$$e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$3392. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{2,5}, e_{2,6}} \lor e_{2,5} \lor e_{1,6}$$

$$3393. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor \neg e_{2,6} \lor \neg e$$

$$3394. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6}$$

$$3395. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6}$$

$$3396. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{2,5}, e_{2,6}} \lor e_{2,5} \lor e_{1,6}$$

$$3397. \ e_{1,6} \vee \neg e_{2,6} \vee \neg t_{e_{1,6}, \neg e_{2,6}}, e_{2,6} \vee t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \vee t_{e_{1,2}, e_{2,3}} \vee e_{1,6}$$

$$3398. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{2,5}, e_{2,6}} \lor e_{2,5} \lor e_{1,6}$$

$$3399. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor \neg e_{2,6} \lor \neg e$$

$$3400. \ e_{1,6} \vee \neg e_{2,6} \vee \neg t_{e_{1,6}, \neg e_{2,6}}, e_{2,6} \vee t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \vee t_{e_{1,2}, e_{2,3}} \vee e_{1,6}$$

$$3401. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e_{2,$$

$$3402. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6}$$

$$3403. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e_{2,$$

$$3404. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6}$$

$$3405. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e_{2,$$

$$3406. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6}$$

$$3407. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,$$

$$3408. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6}$$

$$3409. \ e_{1,6} \vee \neg e_{2,6} \vee \neg t_{e_{1,6},\, \neg e_{2,6}}, e_{4,6} \vee t_{e_{1,6},\, \neg e_{2,6}} \vdash e_{4,6} \vee e_{1,6} \vee \neg e_{2,6}$$

3410.
$$e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash \neg e_{5,6} \lor e_{1,6} \lor \neg e_{2,6}$$

$$3411. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}} \vdash \neg e_{3,6} \lor t_{\neg e_{4,6}, e_{5,6}} \lor e_{1,6} \lor \neg e_{2,6}$$

$$3412. \ e_{1,6} \vee \neg e_{2,6} \vee \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \vee t_{e_{1,6}, \neg e_{2,6}} \vdash \neg e_{4,6} \vee e_{1,6} \vee \neg e_{2,6}$$

$$3413. \ e_{1,6} \vee \neg e_{2,6} \vee \neg t_{e_{1,6},\, \neg e_{2,6}}, e_{5,6} \vee t_{e_{1,6},\, \neg e_{2,6}} \vdash e_{5,6} \vee e_{1,6} \vee \neg e_{2,6}$$

$$3414. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \vdash \neg e_{3,6} \lor t_{e_{4,6}, \neg e_{5,6}} \lor e_{1,6} \lor \neg e_{2,6}$$

$$3415. \ e_{1,6} \vee \neg e_{2,6} \vee \neg t_{e_{1,6}, \neg e_{2,6}}, e_{4,6} \vee t_{e_{1,6}, \neg e_{2,6}} \vdash e_{4,6} \vee e_{1,6} \vee \neg e_{2,6}$$

$$3416. \ e_{1,6} \vee \neg e_{2,6} \vee \neg t_{e_{1,6}, \, \neg e_{2,6}}, e_{5,6} \vee t_{e_{1,6}, \, \neg e_{2,6}} \vdash e_{5,6} \vee e_{1,6} \vee \neg e_{2,6}$$

$$3417. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \vdash t_{\neg e_{4,6}, \neg e_{5,6}} \lor e_{3,6} \lor e_{1,6} \lor \neg e_{2,6}$$

3418.
$$e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash \neg e_{4,6} \lor e_{1,6} \lor \neg e_{2,6}$$

$$3419. \ e_{1,6} \vee \neg e_{2,6} \vee \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{5,6} \vee t_{e_{1,6}, \neg e_{2,6}} \vdash \neg e_{5,6} \vee e_{1,6} \vee \neg e_{2,6}$$

$$3420. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, e_{5,6}} \vdash t_{e_{4,6}, e_{5,6}} \lor e_{3,6} \lor e_{1,6} \lor \neg e_{2,6}$$

3421.
$$e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6}$$

$$3422. \ e_{1,6} \vee \neg e_{2,6} \vee \neg t_{e_{1,6},\, \neg e_{2,6}}, \neg e_{1,6} \vee t_{e_{1,6},\, e_{2,6}} \vdash \neg t_{e_{1,6},\, \neg e_{2,6}} \vee t_{e_{1,6},\, e_{2,6}} \vee \neg e_{2,6}$$

$$3423. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6}$$

$$3424. \ e_{1,6} \vee \neg e_{2,6} \vee \neg t_{e_{1,6},\, \neg e_{2,6}}, \neg e_{1,6} \vee t_{e_{1,6},\, e_{2,6}} \vdash \neg t_{e_{1,6},\, \neg e_{2,6}} \vee t_{e_{1,6},\, e_{2,6}} \vee \neg e_{2,6}$$

$$3425. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6}$$

3426.
$$e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,6}, e_{2,6}} \lor \neg e_{2,6}$$

$$3427. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6}$$

$$3428. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,6}, e_{2,6}} \lor \neg e_{2,6}$$

$$3429. \ \, \neg e_{1,6} \lor t_{e_{1,6},\, \neg e_{2,6}}, e_{1,5} \lor e_{1,6} \lor \neg t_{e_{1,5},\, e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5},\, e_{1,6}} \lor t_{e_{1,6},\, \neg e_{2,6}}$$

3430.
$$\neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{1,3}}$$

3431.
$$\neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{1,3}}$$

$$3432. \ \, \neg e_{1,6} \lor t_{e_{1,6}, \, \neg e_{2,6}}, \neg e_{1,5} \lor e_{1,6} \lor \neg t_{\neg e_{1,5}, \, e_{1,6}} \vdash \neg e_{1,5} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{\neg e_{1,5}, \, e_{1,6}}$$

3433.
$$\neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$3434. \ \, \neg e_{1,6} \lor t_{e_{1,6}, \, \neg e_{2,6}}, \, \neg e_{1,5} \lor e_{1,6} \lor \neg t_{\neg e_{1,5}, \, e_{1,6}} \vdash \neg e_{1,5} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{\neg e_{1,5}, \, e_{1,6}}$$

$$3435. \ \, \neg e_{1,6} \lor t_{e_{1,6}, \, \neg e_{2,6}}, e_{1,5} \lor e_{1,6} \lor \neg t_{e_{1,5}, \, e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \, e_{1,6}} \lor t_{e_{1,6}, \, \neg e_{2,6}}$$

3436.
$$\neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

3437.
$$\neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{1,3}}$$

3438.
$$\neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,5} \lor e_{1,6} \lor \neg t_{\neg e_{1,5}, e_{1,6}} \vdash \neg e_{1,5} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,5}, e_{1,6}}$$

$$3439. \ \, \neg e_{1,6} \lor t_{e_{1,6}, \, \neg e_{2,6}}, e_{1,5} \lor e_{1,6} \lor \neg t_{e_{1,5}, \, e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \, e_{1,6}} \lor t_{e_{1,6}, \, \neg e_{2,6}}$$

$$3440. \ \, \neg e_{1,6} \vee t_{e_{1,6}, \, \neg e_{2,6}}, e_{1,6} \vee t_{\neg e_{1,2}, \, e_{1,3}} \vdash t_{e_{1,6}, \, \neg e_{2,6}} \vee t_{\neg e_{1,2}, \, e_{1,3}}$$

3441.
$$\neg e_{1,6} \lor t_{e_{1,6}}, \neg e_{2,6}, e_{1,5} \lor e_{1,6} \lor \neg t_{e_{1,5}}, e_{1,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}}, e_{1,6} \lor t_{e_{1,6}}, \neg e_{2,6}$$

3442.
$$\neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

3443.
$$\neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$3444. \ \, \neg e_{1,6} \lor t_{e_{1,6}, \, \neg e_{2,6}}, \, \neg e_{1,5} \lor e_{1,6} \lor \neg t_{\neg e_{1,5}, \, e_{1,6}} \vdash \neg e_{1,5} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{\neg e_{1,5}, \, e_{1,6}}$$

3445.
$$\neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$3446. \ \, \neg e_{1,6} \lor t_{e_{1,6}, \, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}} \vdash t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \, \neg e_{2,6}}$$

3447.
$$\neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

3448.
$$\neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

3449.
$$\neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

3450.
$$\neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

3451.
$$\neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

3452.
$$\neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

$$3453. \ \, \neg e_{1,6} \lor t_{e_{1,6}, \, \neg e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \, \neg e_{2,6}} \vdash t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e_$$

$$3454. \ \, \neg e_{1,6} \lor t_{e_{1,6}, \, \neg e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \, \neg e_{2,6}} \vdash t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$3455. \ \, \neg e_{1,6} \lor t_{e_{1,6}, \, \neg e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \, \neg e_{2,6}} \vdash t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$3456. \ \, \neg e_{1,6} \lor t_{e_{1,6}, \, \neg e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \, \neg e_{2,6}} \vdash t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$3457. \ \, \neg e_{1,6} \lor t_{e_{1,6},\, \neg e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\, e_{2,6}} \vdash \neg t_{e_{1,6},\, e_{2,6}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor e_{2,6}$$

$$3458. \ \, \neg e_{1,6} \lor t_{e_{1,6},\, \neg e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\, e_{2,6}} \vdash \neg t_{e_{1,6},\, e_{2,6}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor e_{2,6}$$

3459.
$$\neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,6}$$

$$3460. \ \, \neg e_{1,6} \lor t_{e_{1,6},\, \neg e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\, e_{2,6}} \vdash \neg t_{e_{1,6},\, e_{2,6}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor e_{2,6}$$

$$3461. \ e_{2,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{2,5} \lor \lnot e_{2,6} \lor \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor \lnot e_{2,5}$$

3462.
$$e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

3463.
$$e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

3464.
$$e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

3465.
$$e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$3466. \ e_{2,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, e_{2,5} \lor \lnot e_{2,6} \lor \lnot t_{e_{2,5}, \lnot e_{2,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor e_{2,5} \lor \lnot t_{e_{2,5}, \lnot e_{2,6}} \lor e_{2,5} \lor e_$$

$$3467. \ e_{2,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{2,5} \lor \lnot e_{2,6} \lor \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor \lnot e_{2,5}$$

3468.
$$e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

3469.
$$e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$3470. \ e_{2,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, e_{2,5} \lor \lnot e_{2,6} \lor \lnot t_{e_{2,5}, \lnot e_{2,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor e_{2,5} \lor \lnot t_{e_{2,5}, \lnot e_{2,6}} \lor e_{2,5} \lor e_$$

3471.
$$e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor \neg e_{2,5}$$

$$3472. \ e_{2,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{2,6} \lor t_{e_{1,2}, \lnot e_{2,3}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor t_{e_{1,2}, \lnot e_{2,3}}$$

$$3473. \ e_{2,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{2,5} \lor \lnot e_{2,6} \lor \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor \lnot e_{2,5}$$

3474.
$$e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}$$

3475.
$$e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}$$

$$3476. \ e_{2,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, e_{2,5} \lor \lnot e_{2,6} \lor \lnot t_{e_{2,5}, \lnot e_{2,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor e_{2,5} \lor \lnot t_{e_{2,5}, \lnot e_{2,6}}$$

$$3477. \ e_{2,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{1,6} \lor \lnot e_{2,6} \lor \lnot t_{\lnot e_{1,6}, \lnot e_{2,6}} \vdash \lnot e_{1,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{\lnot e_{1,6}, \lnot e_{2,6}}$$

$$3478. \ e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$3479. \ e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$3480. \ e_{2,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{1,6} \lor \lnot e_{2,6} \lor \lnot t_{\lnot e_{1,6}, \lnot e_{2,6}} \vdash \lnot e_{1,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{\lnot e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{1,$$

3481.
$$e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

3482.
$$e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

3483.
$$e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

3484.
$$e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

3485.
$$e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6}$$

$$3486. \ e_{2,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, e_{1,6} \lor \lnot e_{2,6} \lor \lnot t_{e_{1,6}, \lnot e_{2,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{e_{1,6}, \lnot e_{2,6}} \lor e_{1,6}$$

$$3487. \ e_{2,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, e_{1,6} \lor \lnot e_{2,6} \lor \lnot t_{e_{1,6}, \lnot e_{2,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{e_{1,6}, \lnot e_{2,6}} \lor e_{1,6}$$

$$3488. \ e_{2,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, e_{1,6} \lor \lnot e_{2,6} \lor \lnot t_{e_{1,6}, \lnot e_{2,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{e_{1,6}, \lnot e_{2,6}} \lor e_{1,6}$$

3489.
$$e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,6}, e_{2,6}}$$

$$3490. \ e_{2,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{2,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor t_{e_{1,6}, e_{2,6}}$$

3491.
$$e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,6}, e_{2,6}}$$

3492.
$$e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,6}, e_{2,6}}$$

$$3493. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,4}, \neg e_{2,4}}$$

$$3494. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5}, e_{4,6}} \vdash \neg e_{5,6} \lor e_{4,5} \lor \neg t_{e_{4,5}, e_{4,6}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}$$

$$3495. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5}, e_{4,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,5}, e_{4,6}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg e_{4,5}$$

$$3496. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,4}, \neg e_{2,4}}$$

$$3497. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5}, e_{4,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,5}, e_{4,6}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg e_{4,5}$$

$$3498. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,4}, e_{2,4}} \vdash \neg e_{5,6} \lor t_{\neg e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{$$

3499.
$$\neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,4}, e_{2,4}} \vdash \neg e_{5,6} \lor t_{\neg e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}$$

$$3500. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5}, e_{4,6}} \vdash \neg e_{5,6} \lor e_{4,5} \lor \neg t_{e_{4,5}, e_{4,6}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{4,6}}, e_{4,6}$$

$$3501. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5}, e_{4,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,5}, e_{4,6}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg e_{4,5}$$

$$3502. \ \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{e_{1,4}, \neg e_{2,4}} \vdash t_{e_{1,4}, \neg e_{2,4}} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_$$

$$3503. \ \, \neg e_{4,6} \vee \neg e_{5,6} \vee \neg t_{\neg e_{4,6}, \, \neg e_{5,6}}, e_{4,6} \vee t_{e_{1,4}, \, \neg e_{2,4}} \vdash t_{e_{1,4}, \, \neg e_{2,4}} \vee \neg e_{5,6} \vee \neg t_{\neg e_{4,6}, \, \neg e_{5,6}}, e_{4,6} \vee t_{e_{1,4}, \, \neg e_{2,4}} \vee \neg e_{5,6} \vee \neg t_{\neg e_{4,6}, \, \neg e_{5,6}}, e_{4,6} \vee t_{e_{1,4}, \, \neg e_{2,4}} \vee t_{e_{2,4}, \, \neg e_{2,4}} \vee t_$$

$$3504. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5}, e_{4,6}} \vdash \neg e_{5,6} \lor e_{4,5} \lor \neg t_{e_{4,5}, e_{4,6}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{4,6}}, e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{4,6}},$$

$$3505. \ \, \neg e_{4,6} \vee \neg e_{5,6} \vee \neg t_{\neg e_{4,6}, \, \neg e_{5,6}}, e_{4,6} \vee t_{e_{1,4}, \, e_{2,4}} \vdash \neg e_{5,6} \vee t_{e_{1,4}, \, e_{2,4}} \vee \neg t_{\neg e_{4,6}, \, \neg e_{5,6}}$$

$$3506. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5},\, e_{4,6}} \vdash \neg e_{5,6} \lor e_{4,5} \lor \neg t_{e_{4,5},\, e_{4,6}} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}}$$

$$3507. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5}, e_{4,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,5}, e_{4,6}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg e_{4,5}$$

$$3508. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \, \neg e_{5,6}}, e_{4,6} \lor t_{e_{1,4}, \, e_{2,4}} \vdash \neg e_{5,6} \lor t_{e_{1,4}, \, e_{2,4}} \lor \neg t_{\neg e_{4,6}, \, \neg e_{5,6}}$$

$$3509. \ \, \neg e_{4,6} \vee \neg e_{5,6} \vee \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \vee t_{\neg e_{1,5}, \neg e_{2,5}} \vdash t_{\neg e_{1,5}, \neg e_{2,5}} \vee \neg e_{4,6} \vee \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \vee \neg t_{\neg e_{4,6}, \neg e_{5,6}} \vee \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \vee \neg t_{\neg e_{4,6}$$

$$3510. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5}, e_{5,6}} \vdash e_{4,5} \lor \neg t_{e_{4,5}, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg e_{4,6} \lor$$

$$3511. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5}, e_{5,6}} \vdash \neg t_{\neg e_{4,5}, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg e_{4,5}$$

$$3512. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash t_{\neg e_{1,5}, \neg e_{2,5}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}$$

$$3513. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5}, e_{5,6}} \vdash \neg t_{\neg e_{4,5}, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg e_{4,5}$$

$$3514. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,5}, e_{2,5}}$$

$$3515. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,5}, \, e_{2,5}} \vdash \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,5}, \, e_{2,5}}$$

$$3516. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5},\, e_{5,6}} \vdash e_{4,5} \lor \neg t_{e_{4,5},\, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}}, e_{4,5} \lor \neg e_{4,6} \lor$$

$$3517. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5}, e_{5,6}} \vdash \neg t_{\neg e_{4,5}, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg e_{4,5}$$

$$3518. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor e$$

$$3519. \ \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}$$

$$3520. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5}, e_{5,6}} \vdash e_{4,5} \lor \neg t_{e_{4,5}, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg e_{4,6} \lor$$

$$3521. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \, \neg e_{5,6}}, e_{5,6} \lor t_{e_{1,5}, \, e_{2,5}} \vdash t_{e_{1,5}, \, e_{2,5}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \, \neg e_{5,6}}$$

$$3522. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5}, e_{5,6}} \vdash e_{4,5} \lor \neg t_{e_{4,5}, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg e_{4,6} \lor \neg e_{5,6} \lor$$

$$3523. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5}, e_{5,6}} \vdash \neg t_{\neg e_{4,5}, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg e_{4,5}$$

$$3524. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{e_{1,5}, \, e_{2,5}} \vdash t_{e_{1,5}, \, e_{2,5}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \, \neg e_{5,6}}$$

$$3525. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$3526. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$3527. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, \neg e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \vdash \neg e_{3,6} \lor \neg e_{5,6} \lor \neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{5,6} \lor \neg e_$$

$$3528. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \vdash \neg t_{\neg e_{4,6}, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}$$

$$3529. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$3530. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6},\, \neg e_{5,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \lor \neg t_{e_{4,6},\, \neg e_{5,6}} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \lor$$

$$3531. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$3532. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \vdash \neg t_{\neg e_{4,6}, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg e_{5,6} \lor \neg e_$$

$$3533. \ \, \neg e_{4,6} \vee \neg e_{5,6} \vee \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \vee t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \vee \neg e_{5,6} \vee \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \vee \neg e_{5,6} \vee \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \vee \neg e_{5,6} \vee \neg e_{5,6}$$

$$3534. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6},\, \neg e_{5,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \lor \neg t_{e_{4,6},\, \neg e_{5,6}} \lor \neg t_{e_{4,6}$$

$$3535. \ \, \neg e_{4,6} \vee \neg e_{5,6} \vee \neg t_{\neg e_{4,6},\, \neg e_{5,6}}, e_{5,6} \vee t_{\neg e_{1,6},\, e_{2,6}} \vdash t_{\neg e_{1,6},\, e_{2,6}} \vee \neg e_{4,6} \vee \neg t_{\neg e_{4,6},\, \neg e_{5,6}}$$

$$3536. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}$$

$$3537. \ \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}$$

$$3538. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor \neg e_{5,6} \lor \neg e_{4,6} \lor e_{3,6}$$

$$3539. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}}$$

$$3540. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash \neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg$$

$$3541. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6},\, \neg e_{5,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \lor \neg t_{e_{4,6},\, \neg e_{5,6}} \lor \neg t_{e_{4,6}$$

$$3542. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}$$

$$3543. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \, \neg e_{5,6}}, e_{4,6} \lor t_{e_{1,6}, \, \neg e_{2,6}} \vdash \neg e_{5,6} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{\neg e_{4,6}, \, \neg e_{5,6}}$$

$$3544. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}$$

$$3545. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \vdash \neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{4,6} \lor e_{3,6}$$

$$3546. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{e_{1,6}, e_{2,6}}$$

$$3547. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \vdash \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{e_{1,6}, e_{2,6}}$$

$$3548. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, \neg e_{3,6} \lor t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \vdash \neg e_{3,6} \lor \neg e_{5,6} \lor \neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \lor \neg e_{5,6} \lor$$

$$3549. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \vdash \neg t_{\neg e_{4,6}, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}$$

$$3550. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{e_{1,6}, e_{2,6}}$$

$$3551. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor \neg$$

$$3552. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \vdash \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{e_{1,6}, e_{2,6}}$$

$$3553. \ e_{4,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{4,5} \lor \lnot e_{4,6} \lor \lnot t_{\lnot e_{4,5}, \lnot e_{4,6}} \vdash \lnot t_{\lnot e_{4,5}, \lnot e_{4,6}} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot e_{4,5}$$

$$3554. \ e_{4,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{4,6} \lor t_{\lnot e_{1,4}, \lnot e_{2,4}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{1,4}, \lnot e_{2,4}}$$

$$3555. \ e_{4,6} \lor t_{e_{1,6},\, \neg e_{2,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4},\, \neg e_{2,4}} \vdash t_{e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{1,4},\, \neg e_{2,4}}$$

$$3556. \ e_{4,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, e_{4,5} \lor \lnot e_{4,6} \lor \lnot t_{e_{4,5}, \lnot e_{4,6}} \vdash e_{4,5} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{e_{4,5}, \lnot e_{4,6}}$$

3557.
$$e_{4,6} \lor t_{e_{1,6}}, \neg e_{2,6}, \neg e_{4,6} \lor t_{\neg e_{1,4}}, e_{2,4} \vdash t_{e_{1,6}}, \neg e_{2,6} \lor t_{\neg e_{1,4}}, e_{2,4}$$

3558.
$$e_{4,6} \lor t_{e_{1,6}}, \neg e_{2,6}, e_{4,5} \lor \neg e_{4,6} \lor \neg t_{e_{4,5}}, \neg e_{4,6} \vdash e_{4,5} \lor t_{e_{1,6}}, \neg e_{2,6} \lor \neg t_{e_{4,5}}, \neg e_{4,6}$$

$$3559. \ e_{4,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{4,5} \lor \lnot e_{4,6} \lor \lnot t_{\lnot e_{4,5}, \lnot e_{4,6}} \vdash \lnot t_{\lnot e_{4,5}, \lnot e_{4,6}} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot e_{4,5}$$

$$3560. \ \ e_{4,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{4,6} \lor t_{\lnot e_{1,4}, \, e_{2,4}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{1,4}, \, e_{2,4}}$$

3561.
$$e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,4}, \neg e_{2,4}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,4}, \neg e_{2,4}}$$

$$3562. \ e_{4,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, e_{4,5} \lor \lnot e_{4,6} \lor \lnot t_{e_{4,5}, \lnot e_{4,6}} \vdash e_{4,5} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{e_{4,5}, \lnot e_{4,6}}$$

$$3563. \ \ e_{4,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{4,5} \lor \lnot e_{4,6} \lor \lnot t_{\lnot e_{4,5}, \lnot e_{4,6}} \vdash \lnot t_{\lnot e_{4,5}, \lnot e_{4,6}} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot e_{4,5}$$

3564.
$$e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,4}, \neg e_{2,4}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,4}, \neg e_{2,4}}$$

$$3565. \ \ e_{4,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{4,5} \lor \lnot e_{4,6} \lor \lnot t_{\lnot e_{4,5}, \lnot e_{4,6}} \vdash \lnot t_{\lnot e_{4,5}, \lnot e_{4,6}} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot e_{4,5}$$

3566.
$$e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,4}, e_{2,4}}$$

$$3567. \ e_{4,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor t_{e_{1,4}, e_{2,4}}$$

3568.
$$e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{4,5} \lor \neg e_{4,6} \lor \neg t_{e_{4,5}, \neg e_{4,6}} \vdash e_{4,5} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{4,5}, \neg e_{4,6}}$$

$$3569. \ e_{4,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{\lnot e_{4,6}, \lnot e_{5,6}} \vdash \lnot e_{5,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{\lnot e_{4,6}, \lnot e_{5,6}} \lor t_{\lnot e_{4,6}, \lnot$$

3570.
$$e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

3571.
$$e_{4,6} \lor t_{e_{1,6}}, \neg e_{2,6}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \lor t_{e_{1,6}, \neg e_{2,6}}$$

3572.
$$e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$3573. \ e_{4,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{4,6} \lor e_{5,6} \lor \lnot t_{\lnot e_{4,6}, e_{5,6}} \vdash e_{5,6} \lor \lnot t_{\lnot e_{4,6}, e_{5,6}} \lor t_{e_{1,6}, \lnot e_{2,6}}$$

3574.
$$e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

$$3575. \ e_{4,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{\lnot e_{4,6}, \lnot e_{5,6}} \vdash \lnot e_{5,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{\lnot e_{4,6}, \lnot e_{5,6}}$$

3576.
$$e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

$$3577. \ e_{4,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{4,6} \lor e_{5,6} \lor \lnot t_{\lnot e_{4,6}, e_{5,6}} \vdash e_{5,6} \lor \lnot t_{\lnot e_{4,6}, e_{5,6}} \lor t_{e_{1,6}, \lnot e_{2,6}}$$

3578.
$$e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}}$$

$$3579. \ e_{4,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{\lnot e_{4,6}, \lnot e_{5,6}} \vdash \lnot e_{5,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{\lnot e_{4,6}, \lnot e_{5,6}}$$

3580.
$$e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}}$$

$$3581. \ e_{4,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{\lnot e_{4,6}, \lnot e_{5,6}} \vdash \lnot e_{5,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{\lnot e_{4,6}, \lnot e_{5,6}}$$

3582.
$$e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,6}, e_{2,6}}$$

$$3583. \ e_{4,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{4,6} \lor e_{5,6} \lor \lnot t_{\lnot e_{4,6}, e_{5,6}} \vdash e_{5,6} \lor \lnot t_{\lnot e_{4,6}, e_{5,6}} \lor t_{e_{1,6}, \lnot e_{2,6}}$$

3584.
$$e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,6}, e_{2,6}}$$

$$3585. \ e_{5,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{4,5} \lor \lnot e_{5,6} \lor \lnot t_{\lnot e_{4,5}, \lnot e_{5,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{\lnot e_{4,5}, \lnot e_{5,6}} \lor \lnot e_{4,5}$$

$$3586. \ e_{5,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{5,6} \lor t_{\lnot e_{1,5}, \lnot e_{2,5}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{1,5}, \lnot e_{2,5}}$$

3587.
$$e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,5}, \neg e_{2,5}}$$

3588.
$$e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}} \vdash \neg t_{e_{4,5}, \neg e_{5,6}} \lor e_{4,5} \lor t_{e_{1,6}, \neg e_{2,6}}$$

3589.
$$e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,5}, e_{2,5}}$$

3590.
$$e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}} \vdash \neg t_{e_{4,5}, \neg e_{5,6}} \lor e_{4,5} \lor t_{e_{1,6}, \neg e_{2,6}}$$

$$3591. \ e_{5,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{4,5} \lor \lnot e_{5,6} \lor \lnot t_{\lnot e_{4,5}, \lnot e_{5,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{\lnot e_{4,5}, \lnot e_{5,6}} \lor \lnot e_{4,5}$$

$$3592. \ e_{5,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{5,6} \lor t_{\lnot e_{1,5}, \, e_{2,5}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{1,5}, \, e_{2,5}}$$

3593.
$$e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,5}, \neg e_{2,5}}$$

3594.
$$e_{5,6} \lor t_{e_{1,6}}, \neg e_{2,6}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}}, \neg e_{5,6} \vdash \neg t_{e_{4,5}}, \neg e_{5,6} \lor e_{4,5} \lor t_{e_{1,6}}, \neg e_{2,6}$$

$$3595. \ e_{5,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{4,5} \lor \lnot e_{5,6} \lor \lnot t_{\lnot e_{4,5}, \lnot e_{5,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{\lnot e_{4,5}, \lnot e_{5,6}} \lor \lnot e_{4,5}$$

3596.
$$e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,5}, \neg e_{2,5}}$$

$$3597. \ e_{5,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{4,5} \lor \lnot e_{5,6} \lor \lnot t_{\lnot e_{4,5}, \lnot e_{5,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{\lnot e_{4,5}, \lnot e_{5,6}} \lor \lnot e_{4,5}$$

3598.
$$e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,5}, e_{2,5}}$$

3599.
$$e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,5}, e_{2,5}}$$

3600.
$$e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}} \vdash \neg t_{e_{4,5}, \neg e_{5,6}} \lor e_{4,5} \lor t_{e_{1,6}, \neg e_{2,6}}$$

$$3601. \ e_{5,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{\lnot e_{4,6}, \lnot e_{5,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot e_{4,6} \lor \lnot t_{\lnot e_{4,6}, \lnot e_{5,6}} \lor \lnot e_{4,6} \lor \lnot t_{\lnot e_{4,6}, \lnot e_{5,6}} \lor \lnot e_{4,6} \lor \lnot t_{\lnot e_{4,6}, \lnot e_{5,6}} \lor \lnot e_{4,6} \lor \lnot t_{\lnot e_{4,6}, \lnot e_{5,6}} \lor \lnot e_{4,6} \lor \lnot t_{\lnot e_{4,6}, \lnot e_{5,6}} \lor \lnot e_{4,6} \lor e_{$$

3602.
$$e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

3603.
$$e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$3604. \ e_{5,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}} \vdash e_{4,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}} \lor t_{e_{4,6}, \lnot e_{5,$$

3605.
$$e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

$$3606. \ e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \vdash e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{4,6}, \neg e_{5,6}}$$

$$3607. \ e_{5,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{\lnot e_{4,6}, \lnot e_{5,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot e_{4,6} \lor \lnot t_{\lnot e_{4,6}, \lnot e_{5,6}} \lor \lnot e_{4,6} \lor \lnot t_{\lnot e_{4,6}, \lnot e_{5,6}} \lor \lnot e_{4,6} \lor \lnot t_{\lnot e_{4,6}, \lnot e_{5,6}} \lor \lnot e_{4,6} \lor \lnot t_{\lnot e_{4,6}, \lnot e_{5,6}} \lor \lnot e_{4,6} \lor \lnot t_{\lnot e_{4,6}, \lnot e_{5,6}} \lor \lnot e_{4,6} \lor e_{$$

3608.
$$e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

3609.
$$e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}}$$

3610.
$$e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \vdash e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{4,6}, \neg e_{5,6}}$$

$$3611. \ e_{5,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{\lnot e_{4,6}, \lnot e_{5,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot e_{4,6} \lor \lnot t_{\lnot e_{4,6}, \lnot e_{5,6}}$$

3612.
$$e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}}$$

$$3613. \ e_{5,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{\lnot e_{4,6}, \lnot e_{5,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot e_{4,6} \lor \lnot t_{\lnot e_{4,6}, \lnot e_{5,6}} \lor \lnot e_{4,6} \lor \lnot t_{\lnot e_{4,6}, \lnot e_{5,6}} \lor \lnot e_{4,6} \lor \lnot t_{\lnot e_{4,6}, \lnot e_{5,6}} \lor \lnot e_{4,6} \lor \lnot t_{\lnot e_{4,6}, \lnot e_{5,6}} \lor \lnot e_{4,6} \lor \lnot t_{\lnot e_{4,6}, \lnot e_{5,6}} \lor \lnot e_{4,6} \lor e_{4,6} \lor \lnot e_{4,6} \lor \lnot e_{4,6} \lor e_{4,6} \lor$$

3614.
$$e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,6}, e_{2,6}}$$

3615.
$$e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,6}, e_{2,6}}$$

$$3616. \ e_{5,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}} \vdash e_{4,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}} \lor t_{e_{4,6}, \lnot e_{5,$$

$$3617. \ e_{3,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}}, \lnot e_{3,5} \lor \lnot e_{3,6} \lor \lnot t_{\lnot e_{3,5}, \lnot e_{3,6}} \vdash \lnot t_{\lnot e_{3,5}, \lnot e_{3,6}} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}} \lor \lnot e_{3,5} \lor e_{3,5} \lor \lnot e_{3,5} \lor e_{3,5} \lor \lnot e_{3,5} \lor e_{$$

$$3618. \ e_{3,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}}, \lnot e_{3,6} \lor t_{\lnot e_{1,3}, \lnot e_{2,3}} \vdash t_{\lnot e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}}$$

$$3619. \ e_{3,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}}, \lnot e_{3,6} \lor t_{\lnot e_{1,3}, \lnot e_{2,3}} \vdash t_{\lnot e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}}$$

$$3620. \ e_{3,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}}, e_{3,5} \lor \lnot e_{3,6} \lor \lnot t_{e_{3,5}, \lnot e_{3,6}} \vdash e_{3,5} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}} \lor \lnot t_{e_{3,5}, \lnot e_{3,6}} \lor t_{e$$

$$3621. \ e_{3,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}}, \lnot e_{3,6} \lor t_{\lnot e_{1,3}, e_{2,3}} \vdash t_{\lnot e_{1,3}, e_{2,3}} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}}$$

$$3622. \ e_{3,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}}, e_{3,5} \lor \lnot e_{3,6} \lor \lnot t_{e_{3,5}, \lnot e_{3,6}} \vdash e_{3,5} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}} \lor \lnot t_{e_{3,5}, \lnot e_{3,6}} \lor t_{e_{3,5}, \lnot e_{3,$$

$$3623. \ \ e_{3,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}}, \lnot e_{3,5} \lor \lnot e_{3,6} \lor \lnot t_{\lnot e_{3,5}, \lnot e_{3,6}} \vdash \lnot t_{\lnot e_{3,5}, \lnot e_{3,6}} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}} \lor \lnot e_{3,5} \lor \lnot e$$

$$3624. \ e_{3,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}}, \lnot e_{3,6} \lor t_{\lnot e_{1,3}, e_{2,3}} \vdash t_{\lnot e_{1,3}, e_{2,3}} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}}$$

$$3625. \ e_{3,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}}, \lnot e_{3,6} \lor t_{e_{1,3}, \lnot e_{2,3}} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}}$$

$$3626. \ e_{3,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}}, e_{3,5} \lor \lnot e_{3,6} \lor \lnot t_{e_{3,5}, \lnot e_{3,6}} \vdash e_{3,5} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}} \lor \lnot t_{e_{3,5}, \lnot e_{3,6}} \lor t_{e$$

$$3627. \ e_{3,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}}, \lnot e_{3,5} \lor \lnot e_{3,6} \lor \lnot t_{\lnot e_{3,5}, \lnot e_{3,6}} \vdash \lnot t_{\lnot e_{3,5}, \lnot e_{3,6}} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}} \lor \lnot e_{3,5} \lor e_{3,6} \lor e_{1,6}, \lnot e_{2,6} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}} \lor \lnot e_{3,5} \lor e_{3,6} \lor e_{1,6}, \lnot e_{2,6} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}} \lor e_{3,5} \lor e_{3,6} \lor e_{1,6}, \lnot e_{2,6} \lor e_{2,6} \lor$$

$$3628. \ e_{3,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}}, \lnot e_{3,6} \lor t_{e_{1,3}, \lnot e_{2,3}} \vdash t_{e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}}$$

$$3629. \ e_{3,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}}, \lnot e_{3,5} \lor \lnot e_{3,6} \lor \lnot t_{\lnot e_{3,5}, \lnot e_{3,6}} \vdash \lnot t_{\lnot e_{3,5}, \lnot e_{3,6}} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}} \lor \lnot e_{3,5}$$

$$3630. \ e_{3,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}}, \lnot e_{3,6} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}} \lor t_{e_{1,3}, e_{2,3}}$$

$$3631. \ e_{3,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}}, \lnot e_{3,6} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}} \lor t_{e_{1,3}, e_{2,3}}$$

$$3632. \ e_{3,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}}, e_{3,5} \lor \lnot e_{3,6} \lor \lnot t_{e_{3,5}, \lnot e_{3,6}} \vdash e_{3,5} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}} \lor \lnot t_{e_{3,5}, \lnot e_{3,6}} \lor t_{e$$

$$3633. \ e_{3,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}}, \lnot e_{3,6} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{1,6}, \lnot e_{2,$$

$$3634. \ e_{3,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}}, \lnot e_{3,6} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}} \lor t_{e_{4,6}, e_{5,6}} \vdash t_{e_{4,6}, e_{5,6}} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}} \lor t_$$

$$3635. \ e_{3,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}}, \lnot e_{3,6} \lor t_{\lnot e_{1,6}, e_{2,6}} \lor t_{\lnot e_{4,6}, e_{5,6}} \vdash t_{\lnot e_{1,6}, e_{2,6}} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}}$$

$$3636. \ e_{3,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}}, \lnot e_{3,6} \lor t_{\lnot e_{1,6}, e_{2,6}} \lor t_{e_{4,6}, \lnot e_{5,6}} \vdash t_{\lnot e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}} \lor t_{e_{4,6}, \lnot e_{5,6}} \lor t_{e_{4,6},$$

$$3637. \ e_{3,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}}, \lnot e_{3,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{4,6}, e_{5,6}} \vdash t_{\lnot e_{4,6}, e_{5,6}} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}} \lor$$

$$3638. \ e_{3,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}}, \lnot e_{3,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{e_{4,6}, \lnot e_{5,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}} \lor t_{e_{4,6}, \lnot e_{5,6}} \lor t_{e_{4,6},$$

$$3639. \ e_{3,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}}, \lnot e_{3,6} \lor t_{e_{1,6}, e_{2,6}} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}} \lor t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, e_{2,6}}$$

$$3640. \ e_{3,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}}, \lnot e_{3,6} \lor t_{e_{1,6}, e_{2,6}} \lor t_{e_{4,6}, e_{5,6}} \vdash t_{e_{4,6}, e_{5,6}} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}} \lor t_{e_{1,6}, e_{2,6}} \lor t_$$

$$3641. \ e_{1,6} \vee \neg e_{2,6} \vee \neg t_{e_{1,6}, \, \neg e_{2,6}}, \neg e_{1,6} \vee t_{e_{1,2}, \, e_{1,3}} \vdash t_{e_{1,2}, \, e_{1,3}} \vee \neg t_{e_{1,6}, \, \neg e_{2,6}} \vee \neg e_{2,6}$$

$$3642. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,5} \lor \neg e_{1,6} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg e_{1,5} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor \neg e_{2,6}$$

$$3643. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{1,5} \lor \neg e_{1,6} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e$$

$$3644. \ e_{1,6} \vee \neg e_{2,6} \vee \neg t_{e_{1,6},\, \neg e_{2,6}}, \neg e_{1,6} \vee t_{e_{1,2},\, e_{1,3}} \vdash t_{e_{1,2},\, e_{1,3}} \vee \neg t_{e_{1,6},\, \neg e_{2,6}} \vee \neg e_{2,6}$$

$$3645. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{1,5} \lor \neg e_{1,6} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e$$

$$3646. \ \ e_{1,6} \lor \lnot e_{2,6} \lor \lnot t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{1,6} \lor t_{e_{1,2}, \lnot e_{1,3}} \vdash \lnot t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot e_{2,6} \lor t_{e_{1,2}, \lnot e_{1,3}}$$

$$3647. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$3648. \ \ e_{1,6} \lor \lnot e_{2,6} \lor \lnot t_{e_{1,6},\lnot e_{2,6}}, \lnot e_{1,5} \lor \lnot e_{1,6} \lor \lnot t_{\lnot e_{1,5},\lnot e_{1,6}} \vdash \lnot e_{1,5} \lor \lnot t_{e_{1,6},\lnot e_{2,6}} \lor \lnot t_{\lnot e_{1,5},\lnot e_{1,6}} \lor \lnot e_{2,6} \lor e_{2,6} \lor \lnot e_{2,6} \lor \lnot e_{2,6} \lor e_{2,$$

$$3649. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{1,5} \lor \neg e_{1,6} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e$$

$$3650. \ \ e_{1,6} \lor \lnot e_{2,6} \lor \lnot t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{1,6} \lor t_{\lnot e_{1,2}, e_{1,3}} \vdash t_{\lnot e_{1,2}, e_{1,3}} \lor \lnot t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot e_{2,6}$$

$$3651. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$3652. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,5} \lor \neg e_{1,6} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg e_{1,5} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor \neg e_{2,6}$$

$$3653. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg e_{2,6}$$

$$3654. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,5} \lor \neg e_{1,6} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg e_{1,5} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor \neg e_{2,6}$$

$$3655. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{1,5} \lor \neg e_{1,6} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e$$

$$3656. \ \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor \neg e_{2,6}$$

$$3657. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,6}$$

$$3658. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{2,5}, e_{2,6}} \lor e_{2,5} \lor e_{1,6}$$

$$3659. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor \neg e_{2,6} \lor \neg e$$

$$3660. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,6}$$

$$3661. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor \neg e_{2,6} \lor \neg e$$

$$3662. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$3663. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$3664. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{2,5}, e_{2,6}} \lor e_{2,5} \lor e_{1,6}$$

$$3665. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor \neg e_{2,6} \lor \neg e$$

$$3666. \ e_{1,6} \vee \neg e_{2,6} \vee \neg t_{e_{1,6}, \neg e_{2,6}}, e_{2,6} \vee t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \vee t_{e_{1,2}, \neg e_{2,3}} \vee e_{1,6}$$

$$3667. \ e_{1,6} \vee \neg e_{2,6} \vee \neg t_{e_{1,6}, \neg e_{2,6}}, e_{2,6} \vee t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \vee t_{e_{1,2}, \neg e_{2,3}} \vee e_{1,6}$$

$$3668. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{2,5}, e_{2,6}} \lor e_{2,5} \lor e_{1,6}$$

$$3669. \ e_{1,6} \vee \neg e_{2,6} \vee \neg t_{e_{1,6}, \neg e_{2,6}}, e_{2,6} \vee t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \vee t_{e_{1,2}, e_{2,3}} \vee e_{1,6}$$

$$3670. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{2,5}, e_{2,6}} \lor e_{2,5} \lor e_{1,6}$$

$$3671. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \lor \neg e_{2,6} \lor \neg e$$

3672.
$$e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,6}$$

$$3673. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{2,6}} \lor \neg t_{\neg$$

$$3674. \ e_{1,6} \vee \neg e_{2,6} \vee \neg t_{e_{1,6},\, \neg e_{2,6}}, e_{2,6} \vee t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash t_{\neg e_{1,6},\, \neg e_{2,6}} \vee \neg t_{e_{1,6},\, \neg e_{2,6}} \vee e_{1,6}$$

$$3675. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{2,6}} \lor \neg t_{\neg$$

$$3676. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6}$$

$$3677. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6} \lor \neg e_{2,$$

$$3678. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6}$$

$$3679. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor \neg e_{2,6} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{2,6}} \lor \neg t_{\neg$$

$$3680. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6}$$

3681.
$$e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash e_{4,6} \lor e_{1,6} \lor \neg e_{2,6}$$

$$3682. \ e_{1,6} \vee \neg e_{2,6} \vee \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{5,6} \vee t_{e_{1,6}, \neg e_{2,6}} \vdash \neg e_{5,6} \vee e_{1,6} \vee \neg e_{2,6}$$

$$3683. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}} \vdash \neg e_{3,6} \lor t_{\neg e_{4,6}, e_{5,6}} \lor e_{1,6} \lor \neg e_{2,6}$$

3684.
$$e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash \neg e_{4,6} \lor e_{1,6} \lor \neg e_{2,6}$$

$$3685. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash e_{5,6} \lor e_{1,6} \lor \neg e_{2,6}$$

$$3686. \ \ e_{1,6} \lor \lnot e_{2,6} \lor \lnot t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{3,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{e_{4,6}, \lnot e_{5,6}} \vdash \lnot e_{3,6} \lor t_{e_{4,6}, \lnot e_{5,6}} \lor e_{1,6} \lor \lnot e_{2,6} \lor \lnot e_{2,6} \lor e_{2,6} \lor e_{2,6} \lor \lnot e_{2,6} \lor e$$

3687.
$$e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash e_{4,6} \lor e_{1,6} \lor \neg e_{2,6}$$

3688.
$$e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash e_{5,6} \lor e_{1,6} \lor \neg e_{2,6}$$

$$3689. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \vdash t_{\neg e_{4,6}, \neg e_{5,6}} \lor e_{3,6} \lor e_{1,6} \lor \neg e_{2,6}$$

$$3690. \ e_{1,6} \vee \neg e_{2,6} \vee \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{4,6} \vee t_{e_{1,6}, \neg e_{2,6}} \vdash \neg e_{4,6} \vee e_{1,6} \vee \neg e_{2,6}$$

3691.
$$e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash \neg e_{5,6} \lor e_{1,6} \lor \neg e_{2,6}$$

$$3692. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, e_{5,6}} \vdash t_{e_{4,6}, e_{5,6}} \lor e_{3,6} \lor e_{1,6} \lor \neg e_{2,6}$$

$$3693. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6}$$

$$3694. \ e_{1,6} \vee \neg e_{2,6} \vee \neg t_{e_{1,6},\, \neg e_{2,6}}, \neg e_{1,6} \vee t_{e_{1,6},\, e_{2,6}} \vdash \neg t_{e_{1,6},\, \neg e_{2,6}} \vee t_{e_{1,6},\, e_{2,6}} \vee \neg e_{2,6}$$

$$3695. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6}$$

3696.
$$e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,6}, e_{2,6}} \lor \neg e_{2,6}$$

$$3697. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6}$$

$$3698. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,6}, e_{2,6}} \lor \neg e_{2,6}$$

$$3699. \ e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6}$$

$$3700. \ e_{1,6} \vee \neg e_{2,6} \vee \neg t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,6} \vee t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \vee t_{e_{1,6}, e_{2,6}} \vee \neg e_{2,6}$$

$$3701. \ \, \neg e_{1,6} \lor t_{e_{1,6},\, \neg e_{2,6}}, e_{1,5} \lor e_{1,6} \lor \neg t_{e_{1,5},\, e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5},\, e_{1,6}} \lor t_{e_{1,6},\, \neg e_{2,6}}$$

$$3702. \ \, \neg e_{1,6} \lor t_{e_{1,6}, \, \neg e_{2,6}}, e_{1,6} \lor t_{e_{1,2}, \, e_{1,3}} \vdash t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{1,2}, \, e_{1,3}}$$

$$3703. \ \, \neg e_{1,6} \lor t_{e_{1,6}, \, \neg e_{2,6}}, e_{1,6} \lor t_{e_{1,2}, \, e_{1,3}} \vdash t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{e_{1,2}, \, e_{1,3}}$$

$$3704. \ \, \neg e_{1,6} \lor t_{e_{1,6}, \, \neg e_{2,6}}, \neg e_{1,5} \lor e_{1,6} \lor \neg t_{\neg e_{1,5}, \, e_{1,6}} \vdash \neg e_{1,5} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{\neg e_{1,5}, \, e_{1,6}}$$

3705.
$$\neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$3706. \ \, \neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{1,5} \lor e_{1,6} \lor \neg t_{\neg e_{1,5}, e_{1,6}} \vdash \neg e_{1,5} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{1,5}, e_{1,6}}$$

$$3707. \ \, \neg e_{1,6} \lor t_{e_{1,6},\, \neg e_{2,6}}, e_{1,5} \lor e_{1,6} \lor \neg t_{e_{1,5},\, e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5},\, e_{1,6}} \lor t_{e_{1,6},\, \neg e_{2,6}}$$

3708.
$$\neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

3709.
$$\neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{1,3}}$$

$$3710. \ \, \neg e_{1,6} \lor t_{e_{1,6}, \, \neg e_{2,6}}, \, \neg e_{1,5} \lor e_{1,6} \lor \neg t_{\neg e_{1,5}, \, e_{1,6}} \vdash \neg e_{1,5} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{\neg e_{1,5}, \, e_{1,6}}$$

3711.
$$\neg e_{1,6} \lor t_{e_{1,6}}, \neg e_{2,6}, e_{1,5} \lor e_{1,6} \lor \neg t_{e_{1,5}}, e_{1,6} \vdash e_{1,5} \lor \neg t_{e_{1,5}}, e_{1,6} \lor t_{e_{1,6}}, \neg e_{2,6}$$

3712.
$$\neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{1,3}}$$

$$3713. \ \, \neg e_{1,6} \lor t_{e_{1,6},\, \neg e_{2,6}}, e_{1,5} \lor e_{1,6} \lor \neg t_{e_{1,5},\, e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5},\, e_{1,6}} \lor t_{e_{1,6},\, \neg e_{2,6}}$$

3714.
$$\neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$3715. \ \, \neg e_{1,6} \lor t_{e_{1,6},\, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,2},\, \neg e_{1,3}} \vdash t_{e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{1,2},\, \neg e_{1,3}}$$

$$3716. \ \, \neg e_{1,6} \lor t_{e_{1,6}, \, \neg e_{2,6}}, \, \neg e_{1,5} \lor e_{1,6} \lor \neg t_{\neg e_{1,5}, \, e_{1,6}} \vdash \neg e_{1,5} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{\neg e_{1,5}, \, e_{1,6}}$$

3717.
$$\neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

3718.
$$\neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

3719.
$$\neg e_{1,6} \lor t_{e_{1,6}}, \neg e_{2,6}, e_{1,6} \lor t_{\neg e_{1,6}}, \neg e_{2,6} \vdash t_{e_{1,6}}, \neg e_{2,6} \lor t_{\neg e_{1,6}}, \neg e_{2,6}$$

3720.
$$\neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

3721.
$$\neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

3722.
$$\neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

3723.
$$\neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

3724.
$$\neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

$$3725. \ \neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$3726. \ \, \neg e_{1,6} \lor t_{e_{1,6}, \, \neg e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \, \neg e_{2,6}} \vdash t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$3727. \ \, \neg e_{1,6} \lor t_{e_{1,6}, \, \neg e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \, \neg e_{2,6}} \vdash t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg e_{2,6}$$

$$3728. \ \, \neg e_{1,6} \lor t_{e_{1,6}, \, \neg e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \, \neg e_{2,6}} \vdash t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg e_{2,6}$$

3729.
$$\neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,6}$$

3730.
$$\neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,6}$$

3731.
$$\neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,6}$$

$$3732. \ \, \neg e_{1,6} \lor t_{e_{1,6},\, \neg e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\, e_{2,6}} \vdash \neg t_{e_{1,6},\, e_{2,6}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor e_{2,6}$$

$$3733. \ e_{2,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{2,5} \lor \lnot e_{2,6} \lor \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor \lnot e_{2,5}$$

3734.
$$e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

3735.
$$e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$3736. \ e_{2,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, e_{2,5} \lor \lnot e_{2,6} \lor \lnot t_{e_{2,5}, \lnot e_{2,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor e_{2,5} \lor \lnot t_{e_{2,5}, \lnot e_{2,6}} \lor e_{2,5} \lor$$

$$3737. \ e_{2,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{2,6} \lor t_{\lnot e_{1,2}, \, e_{2,3}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{1,2}, \, e_{2,3}}$$

3738.
$$e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$3739. \ e_{2,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{2,5} \lor \lnot e_{2,6} \lor \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor \lnot e_{2,5}$$

3740.
$$e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

3741.
$$e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

3742.
$$e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$3743. \ e_{2,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{2,5} \lor \lnot e_{2,6} \lor \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor \lnot e_{2,5}$$

3744.
$$e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$3745. \ e_{2,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{2,5} \lor \lnot e_{2,6} \lor \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{\lnot e_{2,5}, \lnot e_{2,6}} \lor \lnot e_{2,5}$$

3746.
$$e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}$$

3747.
$$e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}$$

$$3748. \ e_{2,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, e_{2,5} \lor \lnot e_{2,6} \lor \lnot t_{e_{2,5}, \lnot e_{2,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor e_{2,5} \lor \lnot t_{e_{2,5}, \lnot e_{2,6}}$$

$$3749. \ e_{2,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{1,6} \lor \lnot e_{2,6} \lor \lnot t_{\lnot e_{1,6}, \lnot e_{2,6}} \vdash \lnot e_{1,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{\lnot e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{1,$$

$$3750. \ e_{2,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{1,6} \lor \lnot e_{2,6} \lor \lnot t_{\lnot e_{1,6}, \lnot e_{2,6}} \vdash \lnot e_{1,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{\lnot e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{$$

$$3751. \ e_{2,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{1,6} \lor \lnot e_{2,6} \lor \lnot t_{\lnot e_{1,6}, \lnot e_{2,6}} \vdash \lnot e_{1,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{\lnot e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot$$

$$3752. \ e_{2,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{1,6} \lor \lnot e_{2,6} \lor \lnot t_{\lnot e_{1,6}, \lnot e_{2,6}} \vdash \lnot e_{1,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{\lnot e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{1,$$

3753.
$$e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

$$3754. \ e_{2,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{2,6} \lor t_{\lnot e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{1,6}, e_{2,6}}$$

3755.
$$e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

$$3756. \ e_{2,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, \lnot e_{2,6} \lor t_{\lnot e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{1,6}, e_{2,6}}$$

$$3757. \ e_{2,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, e_{1,6} \lor \lnot e_{2,6} \lor \lnot t_{e_{1,6}, \lnot e_{2,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{e_{1,6}, \lnot e_{2,6}} \lor e_{1,6}$$

3758.
$$e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6}$$

$$3759. \ e_{2,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, e_{1,6} \lor \lnot e_{2,6} \lor \lnot t_{e_{1,6}, \lnot e_{2,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{e_{1,6}, \lnot e_{2,6}} \lor e_{1,6}$$

$$3760. \ e_{2,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, e_{1,6} \lor \lnot e_{2,6} \lor \lnot t_{e_{1,6}, \lnot e_{2,6}} \vdash t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{e_{1,6}, \lnot e_{2,6}} \lor e_{1,6}$$

3761.
$$e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,6}, e_{2,6}}$$

3762.
$$e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,6}, e_{2,6}}$$

3763.
$$e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,6}, e_{2,6}}$$

$$3764. \ e_{2,6} \lor t_{e_{1,6},\, \neg e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,6},\, e_{2,6}} \vdash t_{e_{1,6},\, \neg e_{2,6}} \lor t_{e_{1,6},\, e_{2,6}}$$

$$3765. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,5} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{4,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{4,6}} \lor \neg e_{4,5} \lor \neg t_{e_{4,6},\,e_{5,6}} \lor \neg e_{4,6} \lor \neg e$$

$$3766. \ \ e_{4,6} \lor e_{5,6} \lor \lnot t_{e_{4,6},\,e_{5,6}}, \lnot e_{4,6} \lor t_{\lnot e_{1,4},\,\lnot e_{2,4}} \vdash e_{5,6} \lor t_{\lnot e_{1,4},\,\lnot e_{2,4}} \lor \lnot t_{e_{4,6},\,e_{5,6}}, \lnot e_{4,6},\,e_{5,6} \lor t_{\lnot e_{1,4},\,\lnot e_{2,4}} \lor \lnot t_{e_{4,6},\,e_{5,6}}, \lnot e_{4,6},\,e_{5,6}$$

$$3767. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4},\,\neg e_{2,4}} \vdash e_{5,6} \lor t_{\neg e_{1,4},\,\neg e_{2,4}} \lor \neg t_{e_{4,6},\,e_{5,6}}$$

$$3768. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}}, e_{4,5} \lor \neg e_{4,6} \lor \neg t_{e_{4,5}, \neg e_{4,6}} \vdash e_{5,6} \lor e_{4,5} \lor \neg t_{e_{4,5}, \neg e_{4,6}} \lor \neg t_{e_{4,6}, e_{5,6}} \lor \neg t_{e_{4,6}, e_{5,6}$$

$$3769. \ e_{4,6} \lor e_{5,6} \lor \lnot t_{e_{4,6},\,e_{5,6}}, \lnot e_{4,6} \lor t_{\lnot e_{1,4},\,e_{2,4}} \vdash e_{5,6} \lor t_{\lnot e_{1,4},\,e_{2,4}} \lor \lnot t_{e_{4,6},\,e_{5,6}}$$

$$3770. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}}, e_{4,5} \lor \neg e_{4,6} \lor \neg t_{e_{4,5}, \neg e_{4,6}} \vdash e_{5,6} \lor e_{4,5} \lor \neg t_{e_{4,5}, \neg e_{4,6}} \lor \neg t_{e_{4,6}, e_{5,6}} \lor \neg t_{e_{4,6}, e_{5,6}$$

$$3771. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,5} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{4,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{4,6}} \lor \neg e_{4,5} \lor \neg t_{e_{4,6},\,e_{5,6}} \lor \neg e_{4,6} \lor \neg e$$

3772.
$$e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4}, e_{2,4}} \vdash e_{5,6} \lor t_{\neg e_{1,4}, e_{2,4}} \lor \neg t_{e_{4,6}, e_{5,6}}$$

$$3773. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,6} \lor t_{e_{1,4},\,\neg e_{2,4}} \vdash e_{5,6} \lor t_{e_{1,4},\,\neg e_{2,4}} \lor \neg t_{e_{4,6},\,e_{5,6}}$$

$$3774. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},e_{5,6}}, e_{4,5} \lor \neg e_{4,6} \lor \neg t_{e_{4,5},\neg e_{4,6}} \vdash e_{5,6} \lor e_{4,5} \lor \neg t_{e_{4,5},\neg e_{4,6}} \lor \neg t_{e_{4,6},e_{5,6}}$$

$$3775. \ \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,5} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{4,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{4,6}} \lor \neg e_{4,5} \lor \neg t_{e_{4,6},\,e_{5,6}} \lor \neg e_{4,6} \lor \neg$$

$$3776. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,6} \lor t_{e_{1,4},\,\neg e_{2,4}} \vdash e_{5,6} \lor t_{e_{1,4},\,\neg e_{2,4}} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,6} \lor t_{e_{4,6},\,e_{5$$

$$3777. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,5} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{4,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{4,6}} \lor \neg e_{4,5} \lor \neg t_{e_{4,6},\,e_{5,6}} \lor \neg e_{4,6} \lor \neg e$$

$$3778. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,6} \lor t_{e_{1,4},\,e_{2,4}} \vdash e_{5,6} \lor t_{e_{1,4},\,e_{2,4}} \lor \neg t_{e_{4,6},\,e_{5,6}}$$

$$3779. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,6} \lor t_{e_{1,4},\,e_{2,4}} \vdash e_{5,6} \lor t_{e_{1,4},\,e_{2,4}} \lor \neg t_{e_{4,6},\,e_{5,6}}$$

$$3780. \ \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, e_{4,5} \lor \neg e_{4,6} \lor \neg t_{e_{4,5},\,\neg e_{4,6}} \vdash e_{5,6} \lor e_{4,5} \lor \neg t_{e_{4,5},\,\neg e_{4,6}} \lor \neg t_{e_{4,6},\,e_{5,6}} \lor \neg t_{e_{4,6},\,e_{5,$$

$$3781. \ \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,5} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{5,6}} \vdash e_{4,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{5,6}} \lor \neg e_{4,5} \lor \neg t_{e_{4,6},\,e_{5,6}} \lor \neg e_{4,6} \lor \neg$$

$$3782. \ e_{4,6} \lor e_{5,6} \lor \lnot t_{e_{4,6},\,e_{5,6}}, \lnot e_{5,6} \lor t_{\lnot e_{1,5},\,\lnot e_{2,5}} \vdash e_{4,6} \lor t_{\lnot e_{1,5},\,\lnot e_{2,5}} \lor \lnot t_{e_{4,6},\,e_{5,6}}$$

$$3783. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5},\,\neg e_{2,5}} \vdash e_{4,6} \lor t_{\neg e_{1,5},\,\neg e_{2,5}} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5},\,\neg e_{2,5}} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5},\,\neg e_{2,5}} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5},\,\neg e_{2,5}} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5},\,\neg e_{2,5}} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5},\,\neg e_{2,5}} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5},\,\neg e_{2,5}} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5},\,\neg e_{2,5}} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5},\,\neg e_{2,5}} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5},\,\neg e_{2,5}} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5},\,\neg e_{2,5}} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5},\,\neg e_{2,5}} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5},\,\neg e_{2,5}} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5},\,\neg e_{2,5}} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5},\,\neg e_{2,5}} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5},\,\neg e_{2,5}} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5},\,\neg e_{2,5}} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5},\,\neg e_{2,5}} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5},\,\neg e_{2,5}} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg$$

$$3784. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}} \vdash e_{4,6} \lor e_{4,5} \lor \neg t_{e_{4,5}, \neg e_{5,6}} \lor \neg t_{e_{4,6}, e_{5,6}}, e_{4,6} \lor \neg t_{e_{4,6}, e_{5,6}} \lor \neg t_{e_{4,6}, e_{5,6}}, e_{4,6} \lor \neg$$

3785.
$$e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5},e_{2,5}} \vdash e_{4,6} \lor t_{\neg e_{1,5},e_{2,5}} \lor \neg t_{e_{4,6},e_{5,6}}$$

$$3786. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5},\,\neg e_{5,6}} \vdash e_{4,6} \lor e_{4,5} \lor \neg t_{e_{4,5},\,\neg e_{5,6}} \lor \neg t_{e_{4,6},\,e_{5,6}} \lor \neg t_{e_{4,6},\,e_{5,6}$$

$$3787. \ \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,5} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{5,6}} \vdash e_{4,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{5,6}} \lor \neg e_{4,5} \lor \neg t_{e_{4,6},\,e_{5,6}} \lor \neg e_{4,6} \lor \neg$$

3788.
$$e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5},e_{2,5}} \vdash e_{4,6} \lor t_{\neg e_{1,5},e_{2,5}} \lor \neg t_{e_{4,6},e_{5,6}}$$

3789.
$$e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}}, \neg e_{5,6} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor e_{4,6} \lor \neg t_{e_{4,6}, e_{5,6}}$$

$$3790. \ \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5},\,\neg e_{5,6}} \vdash e_{4,6} \lor e_{4,5} \lor \neg t_{e_{4,5},\,\neg e_{5,6}} \lor \neg t_{e_{4,6},\,e_{5,6}} \lor \neg t_{e_{4,6},\,e_{5,$$

$$3791. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,5} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{5,6}} \vdash e_{4,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{5,6}} \lor \neg e_{4,5} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{5,6} \lor \neg e_$$

3792.
$$e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},e_{5,6}}, \neg e_{5,6} \lor t_{e_{1,5},\neg e_{2,5}} \vdash t_{e_{1,5},\neg e_{2,5}} \lor e_{4,6} \lor \neg t_{e_{4,6},e_{5,6}}$$

$$3793. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,5} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{5,6}} \vdash e_{4,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{5,6}} \lor \neg e_{4,5} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{5,6} \lor \neg e_$$

3794.
$$e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}}, \neg e_{5,6} \lor t_{e_{1,5}, e_{2,5}} \vdash e_{4,6} \lor t_{e_{1,5}, e_{2,5}} \lor \neg t_{e_{4,6}, e_{5,6}}$$

3795.
$$e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}}, \neg e_{5,6} \lor t_{e_{1,5}, e_{2,5}} \vdash e_{4,6} \lor t_{e_{1,5}, e_{2,5}} \lor \neg t_{e_{4,6}, e_{5,6}}$$

$$3796. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5},\,\neg e_{5,6}} \vdash e_{4,6} \lor e_{4,5} \lor \neg t_{e_{4,5},\,\neg e_{5,6}} \lor \neg t_{e_{4,6},\,e_{5,6}}, e_{4,6} \lor \neg t_{e_{4,6},\,e_{5,6}} \lor \neg t_{e_{4,6},\,e_{5,6}}, e_{4,6} \lor \neg$$

$$3797. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6},\,\neg e_{2,6}} \vdash e_{5,6} \lor t_{\neg e_{1,6},\,\neg e_{2,6}} \lor \neg t_{e_{4,6},\,e_{5,6}}$$

$$3798. \ \ e_{4,6} \lor e_{5,6} \lor \lnot t_{e_{4,6},\,e_{5,6}}, \lnot e_{5,6} \lor t_{\lnot e_{1,6},\,\lnot e_{2,6}} \vdash e_{4,6} \lor t_{\lnot e_{1,6},\,\lnot e_{2,6}} \lor \lnot t_{e_{4,6},\,e_{5,6}}$$

$$3799. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{3,6} \lor t_{\neg e_{1,6},\,\neg e_{2,6}} \lor t_{e_{4,6},\,e_{5,6}} \vdash e_{5,6} \lor \neg e_{3,6} \lor t_{\neg e_{1,6},\,\neg e_{2,6}} \lor t_{e_{4,6},\,e_{5,6}} \lor \neg e_{3,6} \lor e_{4,6} \lor t_{\neg e_{1,6},\,\neg e_{2,6}} \lor e_{4,6} \lor e_{5,6} \lor \neg e_{5,6} \lor \neg$$

$$3800. \ \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\,e_{5,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\,e_{5,6}} \lor \neg t_{e_{4,6},\,e_{5,6}} \lor \neg t_$$

3801.
$$e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6},\neg e_{2,6}} \vdash e_{4,6} \lor t_{\neg e_{1,6},\neg e_{2,6}} \lor \neg t_{e_{4,6},e_{5,6}}$$

$$3802. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6},\,\neg e_{5,6}} \vdash e_{4,6} \lor \neg t_{e_{4,6},\,\neg e_{5,6}} \lor \neg t_{e_{4,6},\,e_{5,6}} \lor \neg t_{e$$

3803.
$$e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{4,6}, e_{5,6}}$$

$$3804. \ \ e_{4,6} \lor e_{5,6} \lor \lnot t_{e_{4,6},\,e_{5,6}}, \lnot e_{4,6} \lor e_{5,6} \lor \lnot t_{\lnot e_{4,6},\,e_{5,6}} \vdash e_{5,6} \lor \lnot t_{\lnot e_{4,6},\,e_{5,6}} \lor \lnot t_{e_{4,6},\,e_{5,6}} \lor t_{e_{4,6},\,e_{5,6}} \lor \lnot t_{e$$

3805.
$$e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{4,6}, e_{5,6}}$$

$$3806. \ \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6},\,\neg e_{5,6}} \vdash e_{4,6} \lor \neg t_{e_{4,6},\,\neg e_{5,6}} \lor \neg t_{e_{4,6},\,e_{5,6}} \lor \neg t_$$

3807.
$$e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{4,6}, e_{5,6}}$$

3808.
$$e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6},e_{2,6}} \vdash e_{5,6} \lor t_{\neg e_{1,6},e_{2,6}} \lor \neg t_{e_{4,6},e_{5,6}}$$

3809.
$$e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{4,6}, e_{5,6}}$$

$$3810. \ \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,6},\,e_{2,6}} \lor t_{e_{4,6},\,e_{5,6}} \vdash e_{5,6} \lor t_{\neg e_{1,6},\,e_{2,6}} \lor e_{4,6} \lor e_{3,6}$$

$$3811. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\,e_{5,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\,e_{5,6}} \lor \neg t_{e_{4,6},\,e_{5,6}} \lor \neg t_{e$$

3812.
$$e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},e_{5,6}}, \neg e_{5,6} \lor t_{e_{1,6},\neg e_{2,6}} \vdash e_{4,6} \lor t_{e_{1,6},\neg e_{2,6}} \lor \neg t_{e_{4,6},e_{5,6}}$$

$$3813. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6},\,\neg e_{5,6}} \vdash e_{4,6} \lor \neg t_{e_{4,6},\,\neg e_{5,6}} \lor \neg t_{e_{4,6},\,e_{5,6}} \lor \neg t_{e$$

$$3814. \ \ e_{4,6} \lor e_{5,6} \lor \lnot t_{e_{4,6},\,e_{5,6}}, \lnot e_{4,6} \lor t_{e_{1,6},\,\lnot e_{2,6}} \vdash e_{5,6} \lor t_{e_{1,6},\,\lnot e_{2,6}} \lor \lnot t_{e_{4,6},\,e_{5,6}}$$

3815.
$$e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},e_{5,6}}, \neg e_{4,6} \lor t_{e_{1,6},\neg e_{2,6}} \vdash e_{5,6} \lor t_{e_{1,6},\neg e_{2,6}} \lor \neg t_{e_{4,6},e_{5,6}}$$

3816.
$$e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}}, \neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{4,6}, e_{5,6}}$$

$$3817. \ \ e_{4,6} \lor e_{5,6} \lor \lnot t_{e_{4,6},\,e_{5,6}}, e_{3,6} \lor t_{e_{1,6},\,\lnot e_{2,6}} \lor t_{e_{4,6},\,e_{5,6}} \vdash e_{5,6} \lor e_{4,6} \lor t_{e_{1,6},\,\lnot e_{2,6}} \lor e_{3,6}$$

$$3818. \ e_{4,6} \lor e_{5,6} \lor \lnot t_{e_{4,6},\,e_{5,6}}, \lnot e_{4,6} \lor t_{e_{1,6},\,e_{2,6}} \vdash e_{5,6} \lor t_{e_{1,6},\,e_{2,6}} \lor \lnot t_{e_{4,6},\,e_{5,6}}$$

$$3819. \ \ e_{4,6} \lor e_{5,6} \lor \lnot t_{e_{4,6},\,e_{5,6}}, \lnot e_{5,6} \lor t_{e_{1,6},\,e_{2,6}} \vdash e_{4,6} \lor t_{e_{1,6},\,e_{2,6}} \lor \lnot t_{e_{4,6},\,e_{5,6}}$$

$$3820. \ \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{e_{4,6},\,e_{5,6}} \vdash e_{5,6} \lor \neg e_{3,6} \lor e_{4,6} \lor t_{e_{1,6},\,e_{2,6}}$$

$$3821. \ \ e_{4,6} \lor e_{5,6} \lor \lnot t_{e_{4,6},\,e_{5,6}}, \lnot e_{4,6} \lor e_{5,6} \lor \lnot t_{\lnot e_{4,6},\,e_{5,6}} \vdash e_{5,6} \lor \lnot t_{\lnot e_{4,6},\,e_{5,6}} \lor \lnot t_{e_{4,6},\,e_{5,6}} \lor t_{e_{4,6},\,e_{5,6}} \lor \lnot t_{e_{4,6},\,e_{5,6}} \lor t_{e_{4,6},\,e_{5,6}} \lor \lnot t_{e_{4,6},\,e_{5,6}} \lor \lnot t_{e_{4,6},\,e_{5,6}} \lor \lnot t_{e_{$$

$$3822. \ e_{4,6} \lor e_{5,6} \lor \lnot t_{e_{4,6},\,e_{5,6}}, \lnot e_{5,6} \lor t_{e_{1,6},\,e_{2,6}} \vdash e_{4,6} \lor t_{e_{1,6},\,e_{2,6}} \lor \lnot t_{e_{4,6},\,e_{5,6}}, \lnot e_{5,6} \lor e_{5,6}$$

$$3823. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6},\,\neg e_{5,6}} \vdash e_{4,6} \lor \neg t_{e_{4,6},\,\neg e_{5,6}} \lor \neg t_{e_{4,6},\,e_{5,6}} \lor \neg t_{e$$

$$3824. \ e_{4,6} \lor e_{5,6} \lor \lnot t_{e_{4,6},\,e_{5,6}}, \lnot e_{4,6} \lor t_{e_{1,6},\,e_{2,6}} \vdash e_{5,6} \lor t_{e_{1,6},\,e_{2,6}} \lor \lnot t_{e_{4,6},\,e_{5,6}}$$

3825.
$$\neg e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,4}, \neg e_{2,4}}$$

$$3826. \ \, \neg e_{4,6} \lor t_{e_{1,6},\, \neg e_{2,6}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5},\, e_{4,6}} \vdash e_{4,5} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{e_{4,5},\, e_{4,6}}$$

$$3827. \ \neg e_{4,6} \lor t_{e_{1,6}, \, \neg e_{2,6}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5}, \, e_{4,6}} \vdash t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{\neg e_{4,5}, \, e_{4,6}} \lor \neg e_{4,5}$$

3828.
$$\neg e_{4,6} \lor t_{e_{1,6}}, \neg e_{2,6}, e_{4,6} \lor t_{\neg e_{1,4}}, \neg e_{2,4} \vdash t_{e_{1,6}}, \neg e_{2,6} \lor t_{\neg e_{1,4}}, \neg e_{2,4}$$

$$3829. \ \, \neg e_{4,6} \lor t_{e_{1,6},\, \neg e_{2,6}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5},\, e_{4,6}} \vdash t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{\neg e_{4,5},\, e_{4,6}} \lor \neg e_{4,5}$$

3830.
$$\neg e_{4,6} \lor t_{e_{1,6}}, \neg e_{2,6}, e_{4,6} \lor t_{\neg e_{1,4}, e_{2,4}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,4}, e_{2,4}}$$

3831.
$$\neg e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,4}, e_{2,4}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,4}, e_{2,4}}$$

3832.
$$\neg e_{4,6} \lor t_{e_{1,6}}, \neg e_{2,6}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5}}, e_{4,6} \vdash e_{4,5} \lor t_{e_{1,6}}, \neg e_{2,6} \lor \neg t_{e_{4,5}}, e_{4,6}$$

$$3833. \ \, \neg e_{4,6} \lor t_{e_{1,6}, \, \neg e_{2,6}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5}, \, e_{4,6}} \vdash t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{\neg e_{4,5}, \, e_{4,6}} \lor \neg e_{4,5}$$

3834.
$$\neg e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor t_{e_{1,4}, \neg e_{2,4}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,4}, \neg e_{2,4}}$$

3835.
$$\neg e_{4,6} \lor t_{e_{1,6}}, \neg e_{2,6}, e_{4,6} \lor t_{e_{1,4}}, \neg e_{2,4} \vdash t_{e_{1,6}}, \neg e_{2,6} \lor t_{e_{1,4}}, \neg e_{2,4}$$

$$3836. \ \, \neg e_{4,6} \lor t_{e_{1,6},\, \neg e_{2,6}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5},\, e_{4,6}} \vdash e_{4,5} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{e_{4,5},\, e_{4,6}}$$

3837.
$$\neg e_{4,6} \lor t_{e_{1,6}}, \neg e_{2,6}, e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,4}, e_{2,4}}$$

3838.
$$\neg e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5}, e_{4,6}} \vdash e_{4,5} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{4,5}, e_{4,6}}$$

$$3839. \ \, \neg e_{4,6} \lor t_{e_{1,6}, \, \neg e_{2,6}}, \, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5}, \, e_{4,6}} \vdash t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{\neg e_{4,5}, \, e_{4,6}} \lor \neg e_{4,5}$$

3840.
$$\neg e_{4,6} \lor t_{e_{1,6}}, \neg e_{2,6}, e_{4,6} \lor t_{e_{1,4}}, e_{2,4} \vdash t_{e_{1,6}}, \neg e_{2,6} \lor t_{e_{1,4}}, e_{2,4}$$

3841.
$$\neg e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$3842. \ \, \neg e_{4,6} \lor t_{e_{1,6},\, \neg e_{2,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\, e_{5,6}} \vdash e_{5,6} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{e_{4,6},\, e_{5,6}}$$

3843.
$$\neg e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$3844. \ \, \neg e_{4,6} \lor t_{e_{1,6}, \, \neg e_{2,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \, \neg e_{5,6}} \vdash \neg e_{5,6} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{e_{4,6}, \, \neg e_{5,6}} \lor \neg t_{e_{4,6}, \, \neg e_$$

$$3845. \ \, \neg e_{4,6} \lor t_{e_{1,6}, \, \neg e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,6}, \, e_{2,6}} \vdash t_{e_{1,6}, \, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \, e_{2,6}}$$

3846.
$$\neg e_{4,6} \lor t_{e_{1,6}}, \neg e_{2,6}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}}, \neg e_{5,6} \vdash \neg e_{5,6} \lor t_{e_{1,6}}, \neg e_{2,6} \lor \neg t_{e_{4,6}}, \neg e_{5,6}$$

3847.
$$\neg e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

$$3848. \ \, \neg e_{4,6} \lor t_{e_{1,6},\, \neg e_{2,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\, e_{5,6}} \vdash e_{5,6} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{e_{4,6},\, e_{5,6}}$$

3849.
$$\neg e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}}$$

$$3850. \ \, \neg e_{4,6} \lor t_{e_{1,6}, \, \neg e_{2,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \, \neg e_{5,6}} \vdash \neg e_{5,6} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{e_{4,6}, \, \neg e_{5,6}} \lor \neg t_{e_{4,6}, \, \neg e_$$

3851.
$$\neg e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}}$$

$$3852. \ \, \neg e_{4,6} \lor t_{e_{1,6},\, \neg e_{2,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\, e_{5,6}} \vdash e_{5,6} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{e_{4,6},\, e_{5,6}}$$

3853.
$$\neg e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,6}, e_{2,6}}$$

$$3854. \ \, \neg e_{4,6} \lor t_{e_{1,6}, \, \neg e_{2,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, \, e_{5,6}} \vdash e_{5,6} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{e_{4,6}, \, e_{5,6}}$$

3855.
$$\neg e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,6}, e_{2,6}}$$

$$3856. \ \, \neg e_{4,6} \lor t_{e_{1,6}, \, \neg e_{2,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \, \neg e_{5,6}} \vdash \neg e_{5,6} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg t_{e_{4,6}, \, \neg e_{5,6}} \lor \neg t_{e_{4,6}, \, \neg e_$$

3857.
$$\neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,5}, \neg e_{2,5}}$$

3858.
$$\neg e_{5,6} \lor t_{e_{1,6}}, \neg e_{2,6}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5}, e_{5,6}} \vdash \neg t_{e_{4,5}, e_{5,6}} \lor e_{4,5} \lor t_{e_{1,6}, \neg e_{2,6}}$$

$$3859. \ \, \neg e_{5,6} \lor t_{e_{1,6}, \, \neg e_{2,6}}, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5}, \, e_{5,6}} \vdash \neg t_{\neg e_{4,5}, \, e_{5,6}} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg e_{4,5}$$

$$3860. \ \, \neg e_{5,6} \lor t_{e_{1,6},\, \neg e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,5},\, \neg e_{2,5}} \vdash t_{e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{1,5},\, \neg e_{2,5}}$$

$$3861. \ \, \neg e_{5,6} \lor t_{e_{1,6}, \, \neg e_{2,6}}, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5}, \, e_{5,6}} \vdash \neg t_{\neg e_{4,5}, \, e_{5,6}} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg e_{4,5}$$

$$3862. \ \, \neg e_{5,6} \lor t_{e_{1,6},\, \neg e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash t_{e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{1,5},\, e_{2,5}}$$

3863.
$$\neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,5}, e_{2,5}}$$

3864.
$$\neg e_{5,6} \lor t_{e_{1,6}}, \neg e_{2,6}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5}, e_{5,6}} \vdash \neg t_{e_{4,5}, e_{5,6}} \lor e_{4,5} \lor t_{e_{1,6}, \neg e_{2,6}}$$

$$3865. \ \, \neg e_{5,6} \lor t_{e_{1,6},\, \neg e_{2,6}}, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5},\, e_{5,6}} \vdash \neg t_{\neg e_{4,5},\, e_{5,6}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor \neg e_{4,5}$$

$$3866. \ \neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{5,6} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,5}, \neg e_{2,5}}$$

3867.
$$\neg e_{5,6} \lor t_{e_{1,6}}, \neg e_{2,6}, e_{5,6} \lor t_{e_{1,5}}, \neg e_{2,5} \vdash t_{e_{1,6}}, \neg e_{2,6} \lor t_{e_{1,5}}, \neg e_{2,5}$$

3868.
$$\neg e_{5,6} \lor t_{e_{1,6}}, \neg e_{2,6}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5}, e_{5,6}} \vdash \neg t_{e_{4,5}, e_{5,6}} \lor e_{4,5} \lor t_{e_{1,6}, \neg e_{2,6}}$$

3869.
$$\neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{5,6} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,5}, e_{2,5}}$$

3870.
$$\neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5}, e_{5,6}} \vdash \neg t_{e_{4,5}, e_{5,6}} \lor e_{4,5} \lor t_{e_{1,6}, \neg e_{2,6}}$$

$$3871. \ \, \neg e_{5,6} \lor t_{e_{1,6}, \, \neg e_{2,6}}, \, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5}, \, e_{5,6}} \vdash \neg t_{\neg e_{4,5}, \, e_{5,6}} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg e_{4,5}$$

3872.
$$\neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{5,6} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,5}, e_{2,5}}$$

3873.
$$\neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$3874. \ \, \neg e_{5,6} \lor t_{e_{1,6},\, \neg e_{2,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\, e_{5,6}} \vdash e_{4,6} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{e_{4,6},\, e_{5,6}}$$

$$3875. \ \, \neg e_{5,6} \lor t_{e_{1,6}, \, \neg e_{2,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, \, e_{5,6}} \vdash \neg t_{\neg e_{4,6}, \, e_{5,6}} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg e_{4,6}$$

3876.
$$\neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

3877.
$$\neg e_{5,6} \lor t_{e_{1,6}}, \neg e_{2,6}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \vdash \neg t_{\neg e_{4,6}, e_{5,6}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{4,6}$$

3878.
$$\neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

3879.
$$\neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

$$3880. \ \, \neg e_{5,6} \lor t_{e_{1,6},\, \neg e_{2,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\, e_{5,6}} \vdash e_{4,6} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{e_{4,6},\, e_{5,6}}$$

$$3881. \ \, \neg e_{5,6} \lor t_{e_{1,6}, \, \neg e_{2,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, \, e_{5,6}} \vdash \neg t_{\neg e_{4,6}, \, e_{5,6}} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg e_{4,6}$$

3882.
$$\neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}}$$

3883.
$$\neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}}$$

3884.
$$\neg e_{5,6} \lor t_{e_{1,6}}, \neg e_{2,6}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}}, e_{5,6} \vdash e_{4,6} \lor t_{e_{1,6}}, \neg e_{2,6} \lor \neg t_{e_{4,6}}, e_{5,6}$$

3885.
$$\neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}}, e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,6}, e_{2,6}}$$

$$3886. \ \, \neg e_{5,6} \lor t_{e_{1,6},\, \neg e_{2,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\, e_{5,6}} \vdash e_{4,6} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor \neg t_{e_{4,6},\, e_{5,6}}$$

$$3887. \ \, \neg e_{5,6} \lor t_{e_{1,6}, \, \neg e_{2,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, \, e_{5,6}} \vdash \neg t_{\neg e_{4,6}, \, e_{5,6}} \lor t_{e_{1,6}, \, \neg e_{2,6}} \lor \neg e_{4,6}$$

3888.
$$\neg e_{5,6} \lor t_{e_{1,6}}, \neg e_{2,6}, e_{5,6} \lor t_{e_{1,6}}, e_{2,6} \vdash t_{e_{1,6}}, \neg e_{2,6} \lor t_{e_{1,6}}, e_{2,6}$$

$$3889. \ e_{3,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{e_{4,6}, e_{5,6}}, \lnot e_{3,5} \lor \lnot e_{3,6} \lor \lnot t_{\lnot e_{3,5}, \lnot e_{3,6}} \vdash t_{e_{4,6}, e_{5,6}} \lor \lnot t_{\lnot e_{3,5}, \lnot e_{3,6}} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot e_{3,5}$$

$$3890. \ e_{3,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{e_{4,6}, e_{5,6}}, \lnot e_{3,6} \lor t_{\lnot e_{1,3}, \lnot e_{2,3}} \vdash t_{e_{4,6}, e_{5,6}} \lor t_{\lnot e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,6}, \lnot e_{2,6}}$$

$$3891. \ e_{3,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{e_{4,6}, e_{5,6}}, \lnot e_{3,6} \lor t_{\lnot e_{1,3}, \lnot e_{2,3}} \vdash t_{e_{4,6}, e_{5,6}} \lor t_{\lnot e_{1,3}, \lnot e_{2,3}} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}} \lor t_$$

$$3892. \ e_{3,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{e_{4,6}, e_{5,6}}, e_{3,5} \lor \lnot e_{3,6} \lor \lnot t_{e_{3,5}, \lnot e_{3,6}} \vdash t_{e_{4,6}, e_{5,6}} \lor e_{3,5} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{e_{3,5}, \lnot e_{3,6}} \lor \lnot t_{e_{3,5}, \lnot e_{3,6}} \lor e_{3,5} \lor e_{3,5}$$

$$3893. \ e_{3,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{e_{4,6}, e_{5,6}}, \lnot e_{3,6} \lor t_{\lnot e_{1,3}, e_{2,3}} \vdash t_{e_{4,6}, e_{5,6}} \lor t_{\lnot e_{1,3}, e_{2,3}} \lor t_{e_{1,6}, \lnot e_{2,6}}$$

$$3894. \ e_{3,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{e_{4,6}, e_{5,6}}, e_{3,5} \lor \lnot e_{3,6} \lor \lnot t_{e_{3,5}, \lnot e_{3,6}} \vdash t_{e_{4,6}, e_{5,6}} \lor e_{3,5} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{e_{3,5}, \lnot e_{3,6}}, e_{3,6} \lor e_{3,5} \lor e_{3,5} \lor e_{3,5} \lor e_{3,5} \lor e_{3,6} \lor e_{3,5} \lor e_{3,5$$

$$3895. \ \ e_{3,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{e_{4,6}, e_{5,6}}, \lnot e_{3,5} \lor \lnot e_{3,6} \lor \lnot t_{\lnot e_{3,5}, \lnot e_{3,6}} \vdash t_{e_{4,6}, e_{5,6}} \lor \lnot t_{\lnot e_{3,5}, \lnot e_{3,6}} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot e_{3,5}$$

$$3896. \ e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, e_{5,6}}, \neg e_{3,6} \lor t_{\neg e_{1,3}, e_{2,3}} \vdash t_{e_{4,6}, e_{5,6}} \lor t_{\neg e_{1,3}, e_{2,3}} \lor t_{e_{1,6}, \neg e_{2,6}}$$

3897.
$$e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, e_{5,6}}, \neg e_{3,6} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{e_{4,6}, e_{5,6}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,6}, \neg e_{2,6}}$$

$$3898. \ e_{3,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{e_{4,6}, e_{5,6}}, e_{3,5} \lor \lnot e_{3,6} \lor \lnot t_{e_{3,5}, \lnot e_{3,6}} \vdash t_{e_{4,6}, e_{5,6}} \lor e_{3,5} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{e_{3,5}, \lnot e_{3,6}}, e_{3,6} \lor e_{3,6$$

$$3899. \ e_{3,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{e_{4,6}, e_{5,6}}, \lnot e_{3,5} \lor \lnot e_{3,6} \lor \lnot t_{\lnot e_{3,5}, \lnot e_{3,6}} \vdash t_{e_{4,6}, e_{5,6}} \lor \lnot t_{\lnot e_{3,5}, \lnot e_{3,6}} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot e_{3,5}$$

$$3900. \ e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, e_{5,6}}, \neg e_{3,6} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{e_{4,6}, e_{5,6}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,6}, \neg e_{2,6}}$$

$$3901. \ e_{3,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{e_{4,6}, e_{5,6}}, \lnot e_{3,5} \lor \lnot e_{3,6} \lor \lnot t_{\lnot e_{3,5}, \lnot e_{3,6}} \vdash t_{e_{4,6}, e_{5,6}} \lor \lnot t_{\lnot e_{3,5}, \lnot e_{3,6}} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot e_{3,5}$$

$$3902. \ e_{3,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{e_{4,6}, e_{5,6}}, \lnot e_{3,6} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{e_{4,6}, e_{5,6}} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{e_{1,3}, e_{2,3}}$$

$$3903. \ e_{3,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{e_{4,6}, e_{5,6}}, \lnot e_{3,6} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{e_{4,6}, e_{5,6}} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{e_{1,3}, e_{2,3}}$$

$$3904. \ e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, e_{5,6}}, e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5}, \neg e_{3,6}} \vdash t_{e_{4,6}, e_{5,6}} \lor e_{3,5} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{3,5}, \neg e_{3,6}}$$

$$3905. \ e_{3,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{e_{4,6}, e_{5,6}}, \lnot e_{3,6} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}} \vdash t_{e_{4,6}, e_{5,6}} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}} \lor t_{\lnot e_{1,6}, \lnot e_{2,6}} \lor t_$$

$$3906. \ e_{3,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{e_{4,6}, e_{5,6}}, e_{4,6} \lor e_{5,6} \lor \lnot t_{e_{4,6}, e_{5,6}} \vdash e_{5,6} \lor e_{4,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor e_{3,6}$$

$$3907. \ e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, e_{5,6}}, \neg e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, e_{5,6}} \vdash t_{e_{4,6}, e_{5,6}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e$$

$$3908. \ \ e_{3,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{e_{4,6}, e_{5,6}}, \lnot e_{3,6} \lor t_{\lnot e_{1,6}, e_{2,6}} \lor t_{\lnot e_{4,6}, e_{5,6}} \vdash t_{e_{4,6}, e_{5,6}} \lor t_{\lnot e_{1,6}, e_{2,6}} \lor t_{\lnot e_{4,6}, e_{5,6}} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{e_{1,6}, \lnot e_{$$

$$3909. \ \ e_{3,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{e_{4,6}, e_{5,6}}, \lnot e_{3,6} \lor t_{\lnot e_{1,6}, e_{2,6}} \lor t_{e_{4,6}, \lnot e_{5,6}} \vdash t_{e_{4,6}, e_{5,6}} \lor t_{\lnot e_{1,6}, e_{2,6}} \lor t_{e_{4,6}, \lnot e_{5,6}} \lor t_{e_{4,6}, \lnot e_{$$

$$3910. \ \ e_{3,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{e_{4,6}, e_{5,6}}, e_{4,6} \lor e_{5,6} \lor \lnot t_{e_{4,6}, e_{5,6}} \vdash e_{5,6} \lor e_{4,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor e_{3,6}$$

$$3911. \ e_{3,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{e_{4,6}, e_{5,6}}, \lnot e_{3,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{4,6}, e_{5,6}} \vdash t_{e_{4,6}, e_{5,6}} \lor t_{\lnot e_{4,6}, e_{5,6}} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{e_{1,6}, \lnot e_{2,$$

$$3912. \ e_{3,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{e_{4,6}, e_{5,6}}, \lnot e_{3,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{e_{4,6}, \lnot e_{5,6}} \vdash t_{e_{4,6}, e_{5,6}} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{e_{4,6}, \lnot e_{5,6}} \lor t_{e_{4,6}, \lnot e_{5,$$

$$3913. \ e_{3,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{e_{4,6}, e_{5,6}}, e_{4,6} \lor e_{5,6} \lor \lnot t_{e_{4,6}, e_{5,6}} \vdash e_{5,6} \lor e_{4,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor e_{3,6}$$

$$3914. \ e_{3,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{e_{4,6}, e_{5,6}}, \lnot e_{3,6} \lor t_{e_{1,6}, e_{2,6}} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}} \vdash t_{e_{4,6}, e_{5,6}} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{\lnot e_{4,6}, \lnot e_{5,6}} \lor t_{e_{1,6}, e_{2,6}} \lor t_$$

$$3915. \ e_{3,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{e_{4,6}, e_{5,6}}, e_{4,6} \lor e_{5,6} \lor \lnot t_{e_{4,6}, e_{5,6}} \vdash e_{5,6} \lor e_{4,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor e_{3,6}$$

$$3916. \ e_{3,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{e_{4,6}, e_{5,6}}, \lnot e_{3,6} \lor t_{e_{1,6}, e_{2,6}} \lor t_{e_{4,6}, e_{5,6}} \vdash t_{e_{4,6}, e_{5,6}} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,6}$$

$$3917. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,2},\,e_{1,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6}$$

$$3918. \ \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg e_{1,6} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$3919. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},e_{2,6}}, e_{1,5} \lor \neg e_{1,6} \lor \neg t_{e_{1,5},\neg e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,6},e_{2,6}} \lor \neg t_{e_{1,5},\neg e_{1,6}} \lor e_{2,6}$$

$$3920. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,2},\,e_{1,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6}$$

$$3921. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg e_{1,6} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$3922. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

3923.
$$e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$3924. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},e_{2,6}}, \neg e_{1,5} \lor \neg e_{1,6} \lor \neg t_{\neg e_{1,5},\neg e_{1,6}} \vdash \neg t_{e_{1,6},e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\neg e_{1,6}} \lor e_{2,6}$$

$$3925. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg e_{1,6} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$3926. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},e_{2,6}}, \neg e_{1,6} \lor t_{\neg e_{1,2},e_{1,3}} \vdash t_{\neg e_{1,2},e_{1,3}} \lor \neg t_{e_{1,6},e_{2,6}} \lor e_{2,6}$$

3927.
$$e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},e_{2,6}}, \neg e_{1,6} \lor t_{\neg e_{1,2},e_{1,3}} \vdash t_{\neg e_{1,2},e_{1,3}} \lor \neg t_{e_{1,6},e_{2,6}} \lor e_{2,6}$$

$$3928. \ \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg e_{1,6} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$3929. \ \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{1,6} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,6}$$

$$3930. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, \neg e_{1,5} \lor \neg e_{1,6} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$3931. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg e_{1,6} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$3932. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{1,6} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,6}$$

$$3933. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$3934. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,6}$$

$$3935. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, \, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \vdash \neg t_{e_{1,6}, \, e_{2,6}} \lor t_{\neg e_{1,2}, \, \neg e_{2,3}} \lor e_{1,6}$$

$$3936. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor e_{2,5} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor e_{2,5} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor e_{2,5} \lor e_{2,5} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor e_{2,5} \lor e_{2,5} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor e_{2,5} \lor$$

$$3937. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$3938. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \lor e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \lor \neg t_{e_{2,5},\,\neg$$

$$3939. \ \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \lor \neg e_{2,6} \lor \neg$$

$$3940. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$3941. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2},\,\neg e_{2,3}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,6}$$

$$3942. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$3943. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$3944. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2},\,\neg e_{2,3}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,6}$$

$$3945. \ \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \lor \neg e_{2,6} \lor \neg$$

3946.
$$e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,6}$$

3947.
$$e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,6}$$

$$3948. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \lor e_{2,5} \lor e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \lor e_{2,5} \lor e_{2$$

$$3949. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\,e_{2,6}}$$

3950.
$$e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,6},e_{2,6}} \vdash t_{\neg e_{1,6},e_{2,6}} \lor \neg t_{e_{1,6},e_{2,6}} \lor e_{1,6}$$

$$3951. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

$$3952. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,6},\,e_{2,6}} \vdash t_{\neg e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6}$$

$$3953. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

3954.
$$e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6}$$

$$3955. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

$$3956. \ \ e_{1,6} \lor e_{2,6} \lor \lnot t_{e_{1,6}, \, e_{2,6}}, \lnot e_{2,6} \lor t_{\lnot e_{1,6}, \, e_{2,6}} \vdash t_{\lnot e_{1,6}, \, e_{2,6}} \lor \lnot t_{e_{1,6}, \, e_{2,6}} \lor e_{1,6}$$

$$3957. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6}$$

3958.
$$e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,6}$$

$$3959. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor e_{1,6}$$

$$3960. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6},\,\neg e_{2,6}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor e_{2,6}$$

$$3961. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor e_{1,6}$$

$$3962. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6},\,\neg e_{2,6}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor e_{2,6}$$

$$3963. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6}$$

$$3964. \ \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6},\,\neg e_{2,6}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor e_{2,6}$$

3965.
$$e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, e_{4,6} \lor t_{e_{1,6},\,e_{2,6}} \vdash e_{4,6} \lor e_{1,6} \lor e_{2,6}$$

3966.
$$e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \vdash e_{5,6} \lor e_{1,6} \lor e_{2,6}$$

$$3967. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, \neg e_{3,6} \lor t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \vdash \neg e_{3,6} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \lor e_{1,6} \lor e_{2,6}$$

3968.
$$e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \vdash \neg e_{4,6} \lor e_{1,6} \lor e_{2,6}$$

3969.
$$e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \vdash \neg e_{5,6} \lor e_{1,6} \lor e_{2,6}$$

$$3970. \ \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, \, e_{2,6}}, \neg e_{3,6} \lor t_{e_{1,6}, \, e_{2,6}} \lor t_{e_{4,6}, \, e_{5,6}} \vdash \neg e_{3,6} \lor t_{e_{4,6}, \, e_{5,6}} \lor e_{1,6} \lor e_{2,6}$$

3971.
$$e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \vdash e_{4,6} \lor e_{1,6} \lor e_{2,6}$$

3972.
$$e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \vdash \neg e_{5,6} \lor e_{1,6} \lor e_{2,6}$$

3973.
$$e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, e_{3,6} \lor t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}} \vdash t_{\neg e_{4,6}, e_{5,6}} \lor e_{3,6} \lor e_{1,6} \lor e_{2,6}$$

$$3974. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,6},\,e_{2,6}} \vdash \neg e_{4,6} \lor e_{1,6} \lor e_{2,6}$$

3975.
$$e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \vdash e_{5,6} \lor e_{1,6} \lor e_{2,6}$$

$$3976. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, e_{3,6} \lor t_{e_{1,6}, e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \vdash t_{e_{4,6}, \neg e_{5,6}} \lor e_{3,6} \lor e_{1,6} \lor e_{2,6}$$

3977.
$$\neg e_{1,6} \lor t_{e_{1,6},e_{2,6}}, e_{1,5} \lor e_{1,6} \lor \neg t_{e_{1,5},e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5},e_{1,6}} \lor t_{e_{1,6},e_{2,6}}$$

3978.
$$\neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, e_{1,3}}$$

3979.
$$\neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, e_{1,3}}$$

3980.
$$\neg e_{1,6} \lor t_{e_{1,6},e_{2,6}}, \neg e_{1,5} \lor e_{1,6} \lor \neg t_{\neg e_{1,5},e_{1,6}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},e_{1,6}} \lor t_{e_{1,6},e_{2,6}}$$

3981.
$$\neg e_{1,6} \lor t_{e_{1,6},e_{2,6}}, e_{1,6} \lor t_{e_{1,2},\neg e_{1,3}} \vdash t_{e_{1,6},e_{2,6}} \lor t_{e_{1,2},\neg e_{1,3}}$$

$$3982. \ \, \neg e_{1,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor e_{1,6} \lor \neg t_{\neg e_{1,5},\,e_{1,6}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,e_{1,6}} \lor t_{e_{1,6},\,e_{2,6}}$$

3983.
$$\neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor e_{1,6} \lor \neg t_{e_{1,5}, e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, e_{1,6}} \lor t_{e_{1,6}, e_{2,6}}$$

3984.
$$\neg e_{1,6} \lor t_{e_{1,6},e_{2,6}}, e_{1,6} \lor t_{e_{1,2},\neg e_{1,3}} \vdash t_{e_{1,6},e_{2,6}} \lor t_{e_{1,2},\neg e_{1,3}}$$

3985.
$$\neg e_{1,6} \lor t_{e_{1,6},\,e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,2},\,e_{1,3}} \vdash t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{1,3}}$$

$$3986. \ \, \neg e_{1,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor e_{1,6} \lor \neg t_{\neg e_{1,5},\,e_{1,6}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,e_{1,6}} \lor t_{e_{1,6},\,e_{2,6}}$$

3987.
$$\neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor e_{1,6} \lor \neg t_{e_{1,5}, e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, e_{1,6}} \lor t_{e_{1,6}, e_{2,6}}$$

3988.
$$\neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, e_{1,3}}$$

$$3989. \ \, \neg e_{1,6} \lor t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor e_{1,6} \lor \neg t_{e_{1,5},\,e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,e_{1,6}} \lor t_{e_{1,6},\,e_{2,6}}$$

3990.
$$\neg e_{1,6} \lor t_{e_{1,6},e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,2},\neg e_{1,3}} \vdash t_{e_{1,6},e_{2,6}} \lor t_{\neg e_{1,2},\neg e_{1,3}}$$

3991.
$$\neg e_{1,6} \lor t_{e_{1,6},e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,2},\neg e_{1,3}} \vdash t_{e_{1,6},e_{2,6}} \lor t_{\neg e_{1,2},\neg e_{1,3}}$$

3992.
$$\neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{1,5} \lor e_{1,6} \lor \neg t_{\neg e_{1,5}, e_{1,6}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, e_{1,6}} \lor t_{e_{1,6}, e_{2,6}}$$

3993.
$$\neg e_{1,6} \lor t_{e_{1,6},e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6},\neg e_{2,6}} \vdash t_{e_{1,6},e_{2,6}} \lor t_{\neg e_{1,6},\neg e_{2,6}}$$

3994.
$$\neg e_{1,6} \lor t_{e_{1,6},e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6},\neg e_{2,6}} \vdash t_{e_{1,6},e_{2,6}} \lor t_{\neg e_{1,6},\neg e_{2,6}}$$

3995.
$$\neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

3996.
$$\neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

3997.
$$\neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

3998.
$$\neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

$$3999. \ \, \neg e_{1,6} \lor t_{e_{1,6},\,e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6},\,e_{2,6}} \vdash t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,6},\,e_{2,6}}$$

4000.
$$\neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

4001.
$$\neg e_{1,6} \lor t_{e_{1,6},e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6},\neg e_{2,6}} \vdash \neg t_{e_{1,6},\neg e_{2,6}} \lor t_{e_{1,6},e_{2,6}} \lor \neg e_{2,6}$$

4002.
$$\neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,6}, e_{2,6}} \lor \neg e_{2,6}$$

$$4003. \ \, \neg e_{1,6} \lor t_{e_{1,6},\,e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \vdash \neg t_{e_{1,6},\,\neg e_{2,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg e_{2,6}$$

4004.
$$\neg e_{1,6} \lor t_{e_{1,6},e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6},\neg e_{2,6}} \vdash \neg t_{e_{1,6},\neg e_{2,6}} \lor t_{e_{1,6},e_{2,6}} \lor \neg e_{2,6}$$

4005.
$$\neg e_{2,6} \lor t_{e_{1,6},e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2},\neg e_{2,3}} \vdash t_{e_{1,6},e_{2,6}} \lor t_{\neg e_{1,2},\neg e_{2,3}}$$

4006.
$$\neg e_{2,6} \lor t_{e_{1,6},e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},e_{2,6}} \vdash \neg t_{e_{2,5},e_{2,6}} \lor e_{2,5} \lor t_{e_{1,6},e_{2,6}}$$

4007.
$$\neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash \neg e_{2,5} \lor t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, e_{2,6}}$$

4008.
$$\neg e_{2,6} \lor t_{e_{1,6},e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2},\neg e_{2,3}} \vdash t_{e_{1,6},e_{2,6}} \lor t_{\neg e_{1,2},\neg e_{2,3}}$$

$$4009. \ \, \neg e_{2,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \vdash \neg e_{2,5} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}}$$

4010.
$$\neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

4011.
$$\neg e_{2,6} \lor t_{e_{1,6},e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2},e_{2,3}} \vdash t_{e_{1,6},e_{2,6}} \lor t_{\neg e_{1,2},e_{2,3}}$$

4012.
$$\neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg t_{e_{2,5}, e_{2,6}} \lor e_{2,5} \lor t_{e_{1,6}, e_{2,6}}$$

4013.
$$\neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash \neg e_{2,5} \lor t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, e_{2,6}}$$

4014.
$$\neg e_{2,6} \lor t_{e_{1,6},e_{2,6}}, e_{2,6} \lor t_{e_{1,2},\neg e_{2,3}} \vdash t_{e_{1,6},e_{2,6}} \lor t_{e_{1,2},\neg e_{2,3}}$$

4015.
$$\neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

$$4016. \ \, \neg e_{2,6} \lor t_{e_{1,6},\,e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,e_{2,6}} \vdash \neg t_{e_{2,5},\,e_{2,6}} \lor e_{2,5} \lor t_{e_{1,6},\,e_{2,6}}$$

4017.
$$\neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}$$

$$4018. \ \, \neg e_{2,6} \lor t_{e_{1,6},\,e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,e_{2,6}} \vdash \neg t_{e_{2,5},\,e_{2,6}} \lor e_{2,5} \lor t_{e_{1,6},\,e_{2,6}}$$

$$4019. \ \neg e_{2,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \vdash \neg e_{2,5} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}}$$

4020.
$$\neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}$$

4021.
$$\neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$4022. \ \, \neg e_{2,6} \lor t_{e_{1,6},\,e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,6},\,\neg e_{2,6}} \vdash t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,6},\,\neg e_{2,6}}$$

4023.
$$\neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

4024.
$$\neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$4025. \ \, \neg e_{2,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}}$$

$$4026. \ \, \neg e_{2,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}}$$

$$4027. \ \neg e_{2,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}}$$

$$4028. \ \, \neg e_{2,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}}$$

4029.
$$\neg e_{2,6} \lor t_{e_{1,6},\,e_{2,6}}, e_{2,6} \lor t_{e_{1,6},\,\neg e_{2,6}} \vdash t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,6},\,\neg e_{2,6}}$$

4030.
$$\neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, \neg e_{2,6}}$$

4031.
$$\neg e_{2,6} \lor t_{e_{1,6},\,e_{2,6}}, e_{2,6} \lor t_{e_{1,6},\,\neg e_{2,6}} \vdash t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,6},\,\neg e_{2,6}}$$

4032.
$$\neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, \neg e_{2,6}}$$

$$4033. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,4}, \neg e_{2,4}}$$

$$4034. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5},\, e_{4,6}} \vdash \neg e_{5,6} \lor e_{4,5} \lor \neg t_{e_{4,5},\, e_{4,6}} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}}$$

$$4035. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5}, e_{4,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,5}, e_{4,6}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg e_{4,5}$$

$$4036. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,4}, \neg e_{2,4}}$$

$$4037. \ \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5}, e_{4,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,5}, e_{4,6}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg e_{4,5}$$

4038.
$$\neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,4}, e_{2,4}} \vdash \neg e_{5,6} \lor t_{\neg e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}$$

$$4039. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,4}, e_{2,4}} \vdash \neg e_{5,6} \lor t_{\neg e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,4}, e_{2,4}} \lor \neg t_{\neg e_{$$

$$4040. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5},\, e_{4,6}} \vdash \neg e_{5,6} \lor e_{4,5} \lor \neg t_{e_{4,5},\, e_{4,6}} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}$$

$$4041. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5}, e_{4,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,5}, e_{4,6}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg e_{4,5}$$

$$4042. \ \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{e_{1,4}, \neg e_{2,4}} \vdash t_{e_{1,4}, \neg e_{2,4}} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}$$

$$4043. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{e_{1,4}, \neg e_{2,4}} \vdash t_{e_{1,4}, \neg e_{2,4}} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg$$

$$4044. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5}, e_{4,6}} \vdash \neg e_{5,6} \lor e_{4,5} \lor \neg t_{e_{4,5}, e_{4,6}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{4,6}}, e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{4,6}},$$

$$4045. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{e_{1,4}, \, e_{2,4}} \vdash \neg e_{5,6} \lor t_{e_{1,4}, \, e_{2,4}} \lor \neg t_{\neg e_{4,6}, \, \neg e_{5,6}}$$

$$4046. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5},\, e_{4,6}} \vdash \neg e_{5,6} \lor e_{4,5} \lor \neg t_{e_{4,5},\, e_{4,6}} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}}$$

$$4047. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5}, e_{4,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,5}, e_{4,6}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg e_{4,5}$$

$$4048. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \, \neg e_{5,6}}, e_{4,6} \lor t_{e_{1,4}, \, e_{2,4}} \vdash \neg e_{5,6} \lor t_{e_{1,4}, \, e_{2,4}} \lor \neg t_{\neg e_{4,6}, \, \neg e_{5,6}}$$

$$4049. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash t_{\neg e_{1,5}, \neg e_{2,5}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor \neg e_{5,$$

$$4050. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5}, e_{5,6}} \vdash e_{4,5} \lor \neg t_{e_{4,5}, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg t_$$

$$4051. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5}, e_{5,6}} \vdash \neg t_{\neg e_{4,5}, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg e_{4,5}$$

$$4052. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash t_{\neg e_{1,5}, \neg e_{2,5}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor \neg e_{5,$$

$$4053. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5}, e_{5,6}} \vdash \neg t_{\neg e_{4,5}, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg e_{4,5}$$

$$4054. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,5}, e_{2,5}}$$

$$4055. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,5}, \, e_{2,5}} \vdash \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,5}, \, e_{2,5}}$$

$$4056. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5}, e_{5,6}} \vdash e_{4,5} \lor \neg t_{e_{4,5}, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}$$

$$4057. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5}, e_{5,6}} \vdash \neg t_{\neg e_{4,5}, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg e_{4,5}$$

$$4058. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor e$$

$$4059. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}$$

$$4060. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5}, e_{5,6}} \vdash e_{4,5} \lor \neg t_{e_{4,5}, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg e_{4,6} \lor$$

$$4061. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \, \neg e_{5,6}}, e_{5,6} \lor t_{e_{1,5}, \, e_{2,5}} \vdash t_{e_{1,5}, \, e_{2,5}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \, \neg e_{5,6}}$$

$$4062. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5}, e_{5,6}} \vdash e_{4,5} \lor \neg t_{e_{4,5}, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg e_{4,6} \lor$$

$$4063. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5}, e_{5,6}} \vdash \neg t_{\neg e_{4,5}, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg e_{4,5}$$

$$4064. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{e_{1,5}, \, e_{2,5}} \vdash t_{e_{1,5}, \, e_{2,5}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \, \neg e_{5,6}}$$

$$4065. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$4066. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$4067. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, \neg e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \vdash \neg e_{3,6} \lor \neg e_{5,6} \lor \neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg e_{5,6} \lor \neg e_$$

$$4068. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \vdash \neg t_{\neg e_{4,6}, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}$$

$$4069. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$4070. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor \neg$$

$$4071. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$4072. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \vdash \neg t_{\neg e_{4,6}, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg t_{\neg e$$

$$4073. \ \, \neg e_{4,6} \vee \neg e_{5,6} \vee \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \vee t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \vee \neg e_{5,6} \vee \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \vee \neg e_{5,6} \vee \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \vee \neg e_{5,6} \vee \neg e_{5,6}$$

$$4074. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6},\, \neg e_{5,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \lor \neg t_{e_{4,6},\, \neg e_{5,6}} \lor \neg t_{e_{4,6}$$

$$4075. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}$$

$$4076. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}$$

$$4077. \ \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}$$

$$4078. \ \, \neg e_{4,6} \vee \neg e_{5,6} \vee \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{3,6} \vee t_{\neg e_{1,6}, e_{2,6}} \vee t_{\neg e_{4,6}, \neg e_{5,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \vee \neg e_{5,6} \vee \neg e_{4,6} \vee e_{3,6} \vee e_{5,6} \vee$$

$$4079. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}}$$

$$4080. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash \neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{4,6}}, e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg$$

$$4081. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6},\, \neg e_{5,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \lor \neg t_{e_{4,6},\, \neg e_{5,6}} \lor \neg t_{e_{4,6}$$

$$4082. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}$$

$$4083. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash \neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}$$

$$4084. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}$$

$$4085. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{3,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \vdash \neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg e_{4,6} \lor e_{3,6}$$

$$4086. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{e_{1,6}, e_{2,6}}$$

$$4087. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \vdash \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{e_{1,6}, e_{2,6}}$$

$$4088. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, \neg e_{3,6} \lor t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}} \vdash \neg e_{3,6} \lor \neg e_{5,6} \lor \neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \lor \neg e_{5,6} \lor$$

$$4089. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \vdash \neg t_{\neg e_{4,6}, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg e_{5,6} \lor \neg e_$$

$$4090. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{e_{1,6}, e_{2,6}}$$

$$4091. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor \neg$$

$$4092. \ \, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \vdash \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{e_{1,6}, e_{2,6}}$$

$$4093. \ e_{4,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{4,5} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{4,6}} \vdash \neg t_{\neg e_{4,5},\,\neg e_{4,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg e_{4,5}$$

4094.
$$e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,4}, \neg e_{2,4}}$$

4095.
$$e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,4}, \neg e_{2,4}}$$

$$4096. \ e_{4,6} \lor t_{e_{1,6},\,e_{2,6}}, e_{4,5} \lor \neg e_{4,6} \lor \neg t_{e_{4,5},\,\neg e_{4,6}} \vdash e_{4,5} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{4,5},\,\neg e_{4,6}}$$

4097.
$$e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4}, e_{2,4}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,4}, e_{2,4}}$$

4098.
$$e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, e_{4,5} \lor \neg e_{4,6} \lor \neg t_{e_{4,5}, \neg e_{4,6}} \vdash e_{4,5} \lor t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{4,5}, \neg e_{4,6}}$$

$$4099. \ \ e_{4,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{4,5} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{4,6}} \vdash \neg t_{\neg e_{4,5},\,\neg e_{4,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg e_{4,5}$$

4100.
$$e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4}, e_{2,4}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,4}, e_{2,4}}$$

4101.
$$e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,4}, \neg e_{2,4}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,4}, \neg e_{2,4}}$$

4102.
$$e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, e_{4,5} \lor \neg e_{4,6} \lor \neg t_{e_{4,5}, \neg e_{4,6}} \vdash e_{4,5} \lor t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{4,5}, \neg e_{4,6}}$$

4103.
$$e_{4,6} \lor t_{e_{1,6},e_{2,6}}, \neg e_{4,5} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,5},\neg e_{4,6}} \vdash \neg t_{\neg e_{4,5},\neg e_{4,6}} \lor t_{e_{1,6},e_{2,6}} \lor \neg e_{4,5}$$

4104.
$$e_{4,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,4},\,\neg e_{2,4}} \vdash t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,4},\,\neg e_{2,4}}$$

$$4105. \ \ e_{4,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{4,5} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{4,6}} \vdash \neg t_{\neg e_{4,5},\,\neg e_{4,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg e_{4,5}$$

4106.
$$e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,4}, e_{2,4}}$$

4107.
$$e_{4,6} \lor t_{e_{1,6},e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,4},e_{2,4}} \vdash t_{e_{1,6},e_{2,6}} \lor t_{e_{1,4},e_{2,4}}$$

4108.
$$e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, e_{4,5} \lor \neg e_{4,6} \lor \neg t_{e_{4,5}, \neg e_{4,6}} \vdash e_{4,5} \lor t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{4,5}, \neg e_{4,6}}$$

$$4109. \ e_{4,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\,\neg e_{5,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\,\neg e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}}$$

4110.
$$e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

4111.
$$e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \lor t_{e_{1,6}, e_{2,6}}$$

4112.
$$e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

4113.
$$e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \lor t_{e_{1,6}, e_{2,6}}$$

4114.
$$e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

4115.
$$e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{e_{1,6}, e_{2,6}}$$

4116.
$$e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

4117.
$$e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \lor t_{e_{1,6}, e_{2,6}}$$

4118.
$$e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, \neg e_{2,6}}$$

4119.
$$e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{e_{1,6}, e_{2,6}}$$

4120.
$$e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, \neg e_{2,6}}$$

4121.
$$e_{4,6} \lor t_{e_{1,6},\,e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}} \vdash e_{4,6} \lor e_{1,6} \lor e_{2,6}$$

$$4122. \ e_{4,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\,\neg e_{5,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\,\neg e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}}$$

4123.
$$e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash e_{4,6} \lor e_{1,6} \lor e_{2,6}$$

4124.
$$e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}}$$

4125.
$$e_{4,6} \lor t_{e_{1,6},\,e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}} \vdash e_{4,6} \lor e_{1,6} \lor e_{2,6}$$

$$4126. \ e_{4,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\,e_{5,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\,e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}}$$

4127.
$$e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash e_{4,6} \lor e_{1,6} \lor e_{2,6}$$

4128.
$$e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}}$$

4129.
$$e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{4,5} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,5}, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,5}, \neg e_{5,6}} \lor t_{e_{1,6}, e_{2,6}} \lor \neg e_{4,5}$$

4130.
$$e_{5,6} \lor t_{e_{1,6},e_{2,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5},\neg e_{2,5}} \vdash t_{e_{1,6},e_{2,6}} \lor t_{\neg e_{1,5},\neg e_{2,5}}$$

4131.
$$e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,5}, \neg e_{2,5}}$$

$$4132. \ e_{5,6} \lor t_{e_{1,6},\,e_{2,6}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5},\,\neg e_{5,6}} \vdash \neg t_{e_{4,5},\,\neg e_{5,6}} \lor e_{4,5} \lor t_{e_{1,6},\,e_{2,6}}$$

4133.
$$e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,5}, e_{2,5}}$$

4134.
$$e_{5,6} \lor t_{e_{1,6},e_{2,6}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5},\neg e_{5,6}} \vdash \neg t_{e_{4,5},\neg e_{5,6}} \lor e_{4,5} \lor t_{e_{1,6},e_{2,6}}$$

$$4135. \ e_{5,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{4,5} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{5,6}} \vdash \neg t_{\neg e_{4,5},\,\neg e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg e_{4,5}$$

4136.
$$e_{5,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5},\,e_{2,5}} \vdash t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,5},\,e_{2,5}}$$

4137.
$$e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,5}, \neg e_{2,5}}$$

4138.
$$e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}} \vdash \neg t_{e_{4,5}, \neg e_{5,6}} \lor e_{4,5} \lor t_{e_{1,6}, e_{2,6}}$$

$$4139. \ e_{5,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{4,5} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{5,6}} \vdash \neg t_{\neg e_{4,5},\,\neg e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg e_{4,5}$$

4140.
$$e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,5}, \neg e_{2,5}}$$

$$4141. \ e_{5,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{4,5} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{5,6}} \vdash \neg t_{\neg e_{4,5},\,\neg e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg e_{4,5}$$

4142.
$$e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,5}, e_{2,5}}$$

4143.
$$e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,5}, e_{2,5}}$$

$$4144. \ e_{5,6} \lor t_{e_{1,6},\,e_{2,6}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5},\,\neg e_{5,6}} \vdash \neg t_{e_{4,5},\,\neg e_{5,6}} \lor e_{4,5} \lor t_{e_{1,6},\,e_{2,6}}$$

$$4145. \ e_{5,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\,\neg e_{5,6}} \vdash \neg e_{4,6} \lor \neg t_{\neg e_{4,6},\,\neg e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor t$$

4146.
$$e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$4147. \ e_{5,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6},\,\neg e_{2,6}} \vdash t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,6},\,\neg e_{2,6}}$$

4148.
$$e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \vdash e_{4,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor t_{e_{1,6}, e_{2,6}}$$

4149.
$$e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

4150.
$$e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \vdash e_{4,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor t_{e_{1,6}, e_{2,6}}$$

4151.
$$e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \vdash \neg e_{4,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{e_{1,6}, e_{2,6}}$$

4152.
$$e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

4153.
$$e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, \neg e_{2,6}}$$

4154.
$$e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \vdash e_{4,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor t_{e_{1,6}, e_{2,6}}$$

$$4155. \ e_{5,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\,\neg e_{5,6}} \vdash \neg e_{4,6} \lor \neg t_{\neg e_{4,6},\,\neg e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}}$$

4156.
$$e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, \neg e_{2,6}}$$

4157.
$$e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash e_{5,6} \lor e_{1,6} \lor e_{2,6}$$

$$4158. \ e_{5,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\,\neg e_{5,6}} \vdash \neg e_{4,6} \lor \neg t_{\neg e_{4,6},\,\neg e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor t$$

4159.
$$e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash e_{5,6} \lor e_{1,6} \lor e_{2,6}$$

4160.
$$e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}}$$

4161.
$$e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash e_{5,6} \lor e_{1,6} \lor e_{2,6}$$

4162.
$$e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}}$$

4163.
$$e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash e_{5,6} \lor e_{1,6} \lor e_{2,6}$$

4164.
$$e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \vdash e_{4,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor t_{e_{1,6}, e_{2,6}}$$

$$4165. \ \, \neg e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,3},\,\neg e_{2,3}} \vdash t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}}, e_{2,6} \lor t_{\neg e_{4,6},\,\neg e_{5,6}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}}, e_{3,6} \lor t_{\neg e_{4,6},\,\neg e_{5,6}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}}, e_{3,6} \lor t_{\neg e_{4,6},\,\neg e_{5,6}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}}, e_{3,6} \lor t_{\neg e_{4,6},\,\neg e_{5,6}} \lor t_{\neg e_{4,6},$$

$$4166. \ \neg e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5},\,e_{3,6}} \vdash e_{3,5} \lor \neg t_{e_{3,5},\,e_{3,6}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}}, e_{3,6} \lor e_{3,6$$

$$4167. \ \neg e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\,e_{3,6}} \lor t_{\neg e_{3,5},\,e_{3,6}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}} \lor \neg e_{3,5} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg e_{3,5} \lor e_{3,6} \lor \neg e$$

$$4168. \ \neg e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,3},\,\neg e_{2,3}} \vdash t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}}$$

$$4169. \ \neg e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\,e_{3,6}} \vdash \neg t_{\neg e_{3,5},\,e_{3,6}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}} \lor \neg e_{3,5} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg e_{3,5} \lor \neg e_{3,5} \lor \neg e_{3,6} \lor \neg e_{3,5} \lor \neg e_{3,6} \lor \neg e_{$$

$$4170. \ \neg e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,3},\,e_{2,3}} \vdash t_{\neg e_{1,3},\,e_{2,3}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}}$$

$$4171. \ \neg e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,3},\,e_{2,3}} \vdash t_{\neg e_{1,3},\,e_{2,3}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}}$$

$$4172. \ \neg e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5},\,e_{3,6}} \vdash e_{3,5} \lor \neg t_{e_{3,5},\,e_{3,6}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{e_{2,6},\,e_{2,6}} \lor t_{e_$$

$$4173. \ \, \neg e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\,e_{3,6}} \vdash \neg t_{\neg e_{3,5},\,e_{3,6}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}} \lor \neg e_{3,5} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg e_{3,5} \lor t_{e_{2,6},\,e_{2,6}} \lor \neg e_{3,5} \lor \neg e_{3,$$

$$4174. \ \neg e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}}, e_{3,6} \lor t_{e_{1,3},\,\neg e_{2,3}} \vdash t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}}$$

$$4175. \ \, \neg e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}}, e_{3,6} \lor t_{e_{1,3},\,\neg e_{2,3}} \vdash t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}}, e_{4,6}, e_{4,6},$$

$$4176. \ \neg e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5},\,e_{3,6}} \vdash e_{3,5} \lor \neg t_{e_{3,5},\,e_{3,6}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{e_{2,6},\,e_{2,6}} \lor t_{e_$$

- 4177. $\neg e_{3,6} \lor t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{4,6}, \neg e_{5,6}}, e_{3,6} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{\neg e_{4,6}, \neg e_{5,6}} \lor t_{e_{1,3}, e_{2,3}} \lor t_{e_{1,6}, e_{2,6}}$
- $4178. \ \, \neg e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5},\,e_{3,6}} \vdash e_{3,5} \lor \neg t_{e_{3,5},\,e_{3,6}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{e_{2,6},\,e_{2,6}} \lor t_$
- $4179. \ \neg e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\,e_{3,6}} \vdash \neg t_{\neg e_{3,5},\,e_{3,6}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}} \lor \neg e_{3,5} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg e_{3,5} \lor \neg e_{3,5} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg e_{3,6} \lor \neg e_{3$
- $4180. \ \neg e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}}, e_{3,6} \lor t_{e_{1,3},\,e_{2,3}} \vdash t_{\neg e_{4,6},\,\neg e_{5,6}} \lor t_{e_{1,3},\,e_{2,3}} \lor t_{e_{1,6},\,e_{2,6}}, e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,6},\,e_{2,6}}, e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,6},$
- $4181. \ \neg e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,6},\,\neg e_{2,6}} \lor t_{\neg e_{4,6},\,e_{5,6}} \vdash t_{\neg e_{4,6},\,e_{5,6}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,6},\,\neg e_{2,6}} \lor t_$
- $4182. \ \neg e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,6},\,\neg e_{2,6}} \lor t_{e_{4,6},\,\neg e_{5,6}} \vdash t_{e_{4,6},\,\neg e_{5,6}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,6},\,\neg e_{2,6}}, e_{1,6}, e_{2,6} \lor t_{\neg e_{4,6},\,\neg e_{5,6}} \lor t_{\neg e_{4,6$
- $4183. \ \, \neg e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,6},\,e_{2,6}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}} \vdash t_{\neg e_{1,6},\,e_{2,6}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,6},\,e_{2,6$
- $4184. \ \neg e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,6},\,e_{2,6}} \lor t_{e_{4,6},\,e_{5,6}} \vdash t_{e_{4,6},\,e_{5,6}} \lor t_{\neg e_{1,6},\,e_{2,6}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor t_$
- $4185. \ \neg e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}}, e_{3,6} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}} \vdash t_{e_{1,6},\,\neg e_{2,6}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,6},\,e_{2,6}}$
- $4186. \ \, \neg e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}}, e_{3,6} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor t_{e_{4,6},\,e_{5,6}} \vdash t_{e_{4,6},\,e_{5,6}} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor$
- $4187. \ \, \neg e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}} \vdash \neg e_{3,6} \lor t_{\neg e_{4,6},\,\neg e_{5,6}} \lor e_{1,6} \lor e_{2,6} \lor e_{2,6}$
- $4188. \ \, \neg e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}} \vdash \neg e_{3,6} \lor t_{\neg e_{4,6},\,\neg e_{5,6}} \lor e_{1,6} \lor e_{2,6} \lor e_{2,6}$
- $4189. \ \, \neg e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}} \vdash \neg e_{3,6} \lor t_{\neg e_{4,6},\,\neg e_{5,6}} \lor e_{1,6} \lor e_{2,6}$
- $4190. \ \neg e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}}, e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{4,6},\,e_{5,6}} \vdash t_{\neg e_{4,6},\,e_{5,6}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor t_$
- $4191. \ \, \neg e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}} \vdash \neg e_{3,6} \lor t_{\neg e_{4,6},\,\neg e_{5,6}} \lor e_{1,6} \lor e_{2,6} \lor e_{2,6}$
- $4192. \ \neg e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}}, e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{e_{4,6},\,\neg e_{5,6}} \vdash t_{e_{4,6},\,\neg e_{5,6}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor t_$
- 4193. $e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,6}$
- $4194. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},e_{2,6}}, \neg e_{1,5} \lor \neg e_{1,6} \lor \neg t_{\neg e_{1,5},\neg e_{1,6}} \vdash \neg t_{e_{1,6},e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\neg e_{1,6}} \lor e_{2,6}$
- $4195. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg e_{1,6} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$
- 4196. $e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,6}$
- $4197. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg e_{1,6} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$
- $4198. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \lor t_{e_{1,2},\,\neg e_{1,3}}$
- $4199. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \lor t_{e_{1,2},\,\neg e_{1,3}}$
- $4200. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, \neg e_{1,5} \lor \neg e_{1,6} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$
- $4201. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg e_{1,6} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$
- $4202. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{1,6} \lor t_{\neg e_{1,2},\,e_{1,3}} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6}$
- 4203. $e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},e_{2,6}}, \neg e_{1,6} \lor t_{\neg e_{1,2},e_{1,3}} \vdash t_{\neg e_{1,2},e_{1,3}} \lor \neg t_{e_{1,6},e_{2,6}} \lor e_{2,6}$

$$4204. \ \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg e_{1,6} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$4205. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{1,6} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,6}$$

$$4206. \ \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, \, e_{2,6}}, \neg e_{1,5} \lor \neg e_{1,6} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \vdash \neg t_{e_{1,6}, \, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \lor e_{2,6}$$

$$4207. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg e_{1,6} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$4208. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{1,6} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,6}$$

$$4209. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$4210. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,6}$$

4211.
$$e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,6}$$

$$4212. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \lor e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \lor e_{2,6} \lor e_{$$

4213.
$$e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$4214. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}}$$

$$4215. \ \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

4216.
$$e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}}$$

4217.
$$e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6}$$

$$4218. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \lor e_{2,5} \lor e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \lor e_{2,5} \lor e_{2$$

$$4219. \ \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5} \lor \neg e_{2,6} \lor \neg$$

$$4220. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2},\neg e_{2,3}} \vdash \neg t_{e_{1,6},e_{2,6}} \lor t_{e_{1,2},\neg e_{2,3}} \lor e_{1,6}$$

$$4221. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$4222. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2},\,e_{2,3}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,6}$$

4223.
$$e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,6}$$

$$4224. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor e_{2,5} \lor e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor e_{2,5} \lor$$

$$4225. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\,e_{2,6}}$$

$$4226. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,6},\,e_{2,6}} \vdash t_{\neg e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6}$$

$$4227. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

4228.
$$e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6}$$

$$4229. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,6},\,e_$$

$$4230. \ e_{1,6} \lor e_{2,6} \lor \lnot t_{e_{1,6},\,e_{2,6}}, \lnot e_{2,6} \lor t_{\lnot e_{1,6},\,e_{2,6}} \vdash t_{\lnot e_{1,6},\,e_{2,6}} \lor \lnot t_{e_{1,6},\,e_{2,6}} \lor e_{1,6}$$

$$4231. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\,e_{2,6}}$$

$$4232. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6}$$

$$4233. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor e_{1,6}$$

$$4234. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6},\,\neg e_{2,6}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor e_{2,6}$$

$$4235. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor e_{1,6}$$

4236.
$$e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,6}$$

$$4237. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor e_{1,6}$$

$$4238. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6},\,\neg e_{2,6}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor e_{2,6}$$

$$4239. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor e_{1,6}$$

$$4240. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6},\,\neg e_{2,6}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor e_{2,6}$$

4241.
$$e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \vdash e_{4,6} \lor e_{1,6} \lor e_{2,6}$$

4242.
$$e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \vdash e_{5,6} \lor e_{1,6} \lor e_{2,6}$$

$$4243. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}} \vdash \neg e_{3,6} \lor t_{\neg e_{4,6},\,\neg e_{5,6}} \lor e_{1,6} \lor e_{2,6} \lor e$$

4244.
$$e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,6},\,e_{2,6}} \vdash \neg e_{4,6} \lor e_{1,6} \lor e_{2,6}$$

4245.
$$e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \vdash \neg e_{5,6} \lor e_{1,6} \lor e_{2,6}$$

$$4246. \ \ e_{1,6} \lor e_{2,6} \lor \lnot t_{e_{1,6}, \, e_{2,6}}, \lnot e_{3,6} \lor t_{e_{1,6}, \, e_{2,6}} \lor t_{e_{4,6}, \, e_{5,6}} \vdash \lnot e_{3,6} \lor t_{e_{4,6}, \, e_{5,6}} \lor e_{1,6} \lor e_{2,6}$$

4247.
$$e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \vdash e_{4,6} \lor e_{1,6} \lor e_{2,6}$$

4248.
$$e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \vdash \neg e_{5,6} \lor e_{1,6} \lor e_{2,6}$$

$$4249. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, \, e_{2,6}}, e_{3,6} \lor t_{e_{1,6}, \, e_{2,6}} \lor t_{\neg e_{4,6}, \, e_{5,6}} \vdash t_{\neg e_{4,6}, \, e_{5,6}} \lor e_{3,6} \lor e_{1,6} \lor e_{2,6}$$

$$4250. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,6},\,e_{2,6}} \vdash \neg e_{4,6} \lor e_{1,6} \lor e_{2,6}$$

$$4251. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, e_{5,6} \lor t_{e_{1,6},\,e_{2,6}} \vdash e_{5,6} \lor e_{1,6} \lor e_{2,6}$$

$$4252. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{e_{4,6},\,\neg e_{5,6}} \vdash t_{e_{4,6},\,\neg e_{5,6}} \lor e_{3,6} \lor e_{1,6} \lor e_{2,6}$$

4253.
$$\neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor e_{1,6} \lor \neg t_{e_{1,5}, e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, e_{1,6}} \lor t_{e_{1,6}, e_{2,6}}$$

4254.
$$\neg e_{1,6} \lor t_{e_{1,6},e_{2,6}}, e_{1,6} \lor t_{e_{1,2},e_{1,3}} \vdash t_{e_{1,6},e_{2,6}} \lor t_{e_{1,2},e_{1,3}}$$

$$4255. \ \, \neg e_{1,6} \lor t_{e_{1,6},\,e_{2,6}}, e_{1,6} \lor t_{e_{1,2},\,e_{1,3}} \vdash t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,e_{1,3}}$$

$$4256. \ \, \neg e_{1,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor e_{1,6} \lor \neg t_{\neg e_{1,5},\,e_{1,6}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,e_{1,6}} \lor t_{e_{1,6},\,e_{2,6}}$$

4257.
$$\neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$4258. \ \, \neg e_{1,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor e_{1,6} \lor \neg t_{\neg e_{1,5},\,e_{1,6}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,e_{1,6}} \lor t_{e_{1,6},\,e_{2,6}}$$

$$4259. \ \, \neg e_{1,6} \lor t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor e_{1,6} \lor \neg t_{e_{1,5},\,e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,e_{1,6}} \lor t_{e_{1,6},\,e_{2,6}}$$

4260.
$$\neg e_{1,6} \lor t_{e_{1,6},e_{2,6}}, e_{1,6} \lor t_{e_{1,2},\neg e_{1,3}} \vdash t_{e_{1,6},e_{2,6}} \lor t_{e_{1,2},\neg e_{1,3}}$$

4261.
$$\neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, e_{1,3}}$$

4262.
$$\neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{1,5} \lor e_{1,6} \lor \neg t_{\neg e_{1,5}, e_{1,6}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, e_{1,6}} \lor t_{e_{1,6}, e_{2,6}}$$

4263.
$$\neg e_{1,6} \lor t_{e_{1,6},e_{2,6}}, e_{1,5} \lor e_{1,6} \lor \neg t_{e_{1,5},e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5},e_{1,6}} \lor t_{e_{1,6},e_{2,6}}$$

4264.
$$\neg e_{1,6} \lor t_{e_{1,6},e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,2},e_{1,3}} \vdash t_{e_{1,6},e_{2,6}} \lor t_{\neg e_{1,2},e_{1,3}}$$

4265.
$$\neg e_{1,6} \lor t_{e_{1,6},e_{2,6}}, e_{1,5} \lor e_{1,6} \lor \neg t_{e_{1,5},e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5},e_{1,6}} \lor t_{e_{1,6},e_{2,6}}$$

4266.
$$\neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

4267.
$$\neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$4268. \ \, \neg e_{1,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor e_{1,6} \lor \neg t_{\neg e_{1,5},\,e_{1,6}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,e_{1,6}} \lor t_{e_{1,6},\,e_{2,6}}$$

4269.
$$\neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

4270.
$$\neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

4271.
$$\neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

4272.
$$\neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

4273.
$$\neg e_{1,6} \lor t_{e_{1,6},e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6},e_{2,6}} \vdash t_{e_{1,6},e_{2,6}} \lor t_{\neg e_{1,6},e_{2,6}}$$

4274.
$$\neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

4275.
$$\neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

4276.
$$\neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

4277.
$$\neg e_{1,6} \lor t_{e_{1,6},e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6},\neg e_{2,6}} \vdash \neg t_{e_{1,6},\neg e_{2,6}} \lor t_{e_{1,6},e_{2,6}} \lor \neg e_{2,6}$$

4278.
$$\neg e_{1,6} \lor t_{e_{1,6},e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6},\neg e_{2,6}} \vdash \neg t_{e_{1,6},\neg e_{2,6}} \lor t_{e_{1,6},e_{2,6}} \lor \neg e_{2,6}$$

$$4279. \ \, \neg e_{1,6} \lor t_{e_{1,6},\,e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \vdash \neg t_{e_{1,6},\,\neg e_{2,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg e_{2,6}$$

$$4280. \ \, \neg e_{1,6} \lor t_{e_{1,6},\,e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \vdash \neg t_{e_{1,6},\,\neg e_{2,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg e_{2,6}$$

4281.
$$\neg e_{2,6} \lor t_{e_{1,6},e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2},\neg e_{2,3}} \vdash t_{e_{1,6},e_{2,6}} \lor t_{\neg e_{1,2},\neg e_{2,3}}$$

4282.
$$\neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg t_{e_{2,5}, e_{2,6}} \lor e_{2,5} \lor t_{e_{1,6}, e_{2,6}}$$

4283.
$$\neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash \neg e_{2,5} \lor t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, e_{2,6}}$$

4284.
$$\neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$4285. \ \, \neg e_{2,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \vdash \neg e_{2,5} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}}$$

4286.
$$\neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

4287.
$$\neg e_{2,6} \lor t_{e_{1,6},e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2},e_{2,3}} \vdash t_{e_{1,6},e_{2,6}} \lor t_{\neg e_{1,2},e_{2,3}}$$

$$4288. \ \, \neg e_{2,6} \lor t_{e_{1,6},\,e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,e_{2,6}} \vdash \neg t_{e_{2,5},\,e_{2,6}} \lor e_{2,5} \lor t_{e_{1,6},\,e_{2,6}}$$

$$4289. \ \, \neg e_{2,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \vdash \neg e_{2,5} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}}$$

4290.
$$\neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

4291.
$$\neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

4292.
$$\neg e_{2,6} \lor t_{e_{1,6},\,e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,e_{2,6}} \vdash \neg t_{e_{2,5},\,e_{2,6}} \lor e_{2,5} \lor t_{e_{1,6},\,e_{2,6}}$$

4293.
$$\neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}$$

$$4294. \ \, \neg e_{2,6} \lor t_{e_{1,6},\,e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,e_{2,6}} \vdash \neg t_{e_{2,5},\,e_{2,6}} \lor e_{2,5} \lor t_{e_{1,6},\,e_{2,6}}$$

$$4295. \ \, \neg e_{2,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \vdash \neg e_{2,5} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}}$$

4296.
$$\neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}$$

4297.
$$\neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

4298.
$$\neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

4299.
$$\neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

4300.
$$\neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

4301.
$$\neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

4302.
$$\neg e_{2,6} \lor t_{e_{1,6},e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,6},e_{2,6}} \lor \neg t_{\neg e_{1,6},e_{2,6}}$$

$$4303. \ \, \neg e_{2,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}}$$

4304.
$$\neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

4305.
$$\neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, \neg e_{2,6}}$$

4306.
$$\neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, \neg e_{2,6}}$$

4307.
$$\neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, \neg e_{2,6}}$$

4308.
$$\neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, \neg e_{2,6}}$$

$$4309. \ \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,5} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{4,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{4,6}} \lor \neg e_{4,5} \lor \neg t_{e_{4,6},\,e_{5,6}}$$

4310.
$$e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4},\neg e_{2,4}} \vdash e_{5,6} \lor t_{\neg e_{1,4},\neg e_{2,4}} \lor \neg t_{e_{4,6},e_{5,6}}$$

4311.
$$e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4},\neg e_{2,4}} \vdash e_{5,6} \lor t_{\neg e_{1,4},\neg e_{2,4}} \lor \neg t_{e_{4,6},e_{5,6}}$$

$$4312. \ \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, e_{4,5} \lor \neg e_{4,6} \lor \neg t_{e_{4,5},\,\neg e_{4,6}} \vdash e_{5,6} \lor e_{4,5} \lor \neg t_{e_{4,5},\,\neg e_{4,6}} \lor \neg t_{e_{4,6},\,e_{5,6}} \lor \neg t_{e_{4,6},\,e_{5,$$

$$4313. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4},\,e_{2,4}} \vdash e_{5,6} \lor t_{\neg e_{1,4},\,e_{2,4}} \lor \neg t_{e_{4,6},\,e_{5,6}}$$

$$4314. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},e_{5,6}}, e_{4,5} \lor \neg e_{4,6} \lor \neg t_{e_{4,5},\neg e_{4,6}} \vdash e_{5,6} \lor e_{4,5} \lor \neg t_{e_{4,5},\neg e_{4,6}} \lor \neg t_{e_{4,6},e_{5,6}}$$

$$4315. \ \ e_{4,6} \lor e_{5,6} \lor \lnot t_{e_{4,6},\,e_{5,6}}, \lnot e_{4,5} \lor \lnot e_{4,6} \lor \lnot t_{\lnot e_{4,5},\,\lnot e_{4,6}} \vdash e_{5,6} \lor \lnot t_{\lnot e_{4,5},\,\lnot e_{4,6}} \lor \lnot e_{4,5} \lor \lnot t_{e_{4,6},\,e_{5,6}} \lor \lnot e_{4,6} \lor \lnot e_{4,6} \lor \lnot e_{4,6}, e_{5,6} \lor \lnot e_{4,6} \lor \lnot e_{4,6} \lor \lnot e_{4,6}, e_{5,6} \lor \lnot e_{4,6} \lor \lnot e_{4,6} \lor \lnot e_{4,6}, e_{5,6} \lor \lnot e_{4,6} \lor \lnot e_{4,6} \lor \lnot e_{4,6} \lor \lnot e_{4,6}, e_{5,6} \lor \lnot e_{4,6} \lor e_{4,6} \lor$$

$$4316. \ \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4},\,e_{2,4}} \vdash e_{5,6} \lor t_{\neg e_{1,4},\,e_{2,4}} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4},\,e_{2,4}} \lor \neg t_{\neg e_{1$$

4317.
$$e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}}, \neg e_{4,6} \lor t_{e_{1,4}, \neg e_{2,4}} \vdash e_{5,6} \lor t_{e_{1,4}, \neg e_{2,4}} \lor \neg t_{e_{4,6}, e_{5,6}}$$

$$4318. \ \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, e_{4,5} \lor \neg e_{4,6} \lor \neg t_{e_{4,5},\,\neg e_{4,6}} \vdash e_{5,6} \lor e_{4,5} \lor \neg t_{e_{4,5},\,\neg e_{4,6}} \lor \neg t_{e_{4,6},\,e_{5,6}} \lor \neg t_{e_{4,6},\,e_{5,$$

$$4319. \ \ e_{4,6} \lor e_{5,6} \lor \lnot t_{e_{4,6},\,e_{5,6}}, \lnot e_{4,5} \lor \lnot e_{4,6} \lor \lnot t_{\lnot e_{4,5},\,\lnot e_{4,6}} \vdash e_{5,6} \lor \lnot t_{\lnot e_{4,5},\,\lnot e_{4,6}} \lor \lnot e_{4,5} \lor \lnot t_{e_{4,6},\,e_{5,6}} \lor \lnot e_{4,6} \lor \lnot e_{4,6}, e_{5,6} \lor e_{5,6} \lor \lnot e_{4,6}, e_{5,6} \lor e_{5,6} \lor \lnot e_{4,6}, e_{5,6} \lor e_{5,6}$$

4320.
$$e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}}, \neg e_{4,6} \lor t_{e_{1,4}, \neg e_{2,4}} \vdash e_{5,6} \lor t_{e_{1,4}, \neg e_{2,4}} \lor \neg t_{e_{4,6}, e_{5,6}}$$

$$4321. \ \ e_{4,6} \lor e_{5,6} \lor \lnot t_{e_{4,6},\,e_{5,6}}, \lnot e_{4,5} \lor \lnot e_{4,6} \lor \lnot t_{\lnot e_{4,5},\,\lnot e_{4,6}} \vdash e_{5,6} \lor \lnot t_{\lnot e_{4,5},\,\lnot e_{4,6}} \lor \lnot e_{4,5} \lor \lnot t_{e_{4,6},\,e_{5,6}} \lor \lnot e_{4,6} \lor \lnot e_{4,6} \lor \lnot e_{4,6}, e_{5,6} \lor \lnot e_{4,6} \lor \lnot e_{4,6} \lor \lnot e_{4,6}, e_{5,6} \lor \lnot e_{4,6} \lor \lnot e_{4,6} \lor \lnot e_{4,6}, e_{5,6} \lor \lnot e_{4,6} \lor e_{4,6} \lor$$

$$4322. \ e_{4,6} \lor e_{5,6} \lor \lnot t_{e_{4,6},\,e_{5,6}}, \lnot e_{4,6} \lor t_{e_{1,4},\,e_{2,4}} \vdash e_{5,6} \lor t_{e_{1,4},\,e_{2,4}} \lor \lnot t_{e_{4,6},\,e_{5,6}}$$

4323.
$$e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}}, \neg e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \vdash e_{5,6} \lor t_{e_{1,4}, e_{2,4}} \lor \neg t_{e_{4,6}, e_{5,6}}$$

$$4324. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}}, e_{4,5} \lor \neg e_{4,6} \lor \neg t_{e_{4,5}, \neg e_{4,6}} \vdash e_{5,6} \lor e_{4,5} \lor \neg t_{e_{4,5}, \neg e_{4,6}} \lor \neg t_{e_{4,6}, e_{5,6}}, e_{4,6} \lor \neg t_{e_{4,6}, e_{5,6}}, e_$$

$$4325. \ \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,5} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{5,6}} \vdash e_{4,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{5,6}} \lor \neg e_{4,5} \lor \neg t_{e_{4,6},\,e_{5,6}} \lor \neg e_{4,6} \lor \neg$$

$$4326. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5},\neg e_{2,5}} \vdash e_{4,6} \lor t_{\neg e_{1,5},\neg e_{2,5}} \lor \neg t_{e_{4,6},e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5},\neg e_{2,5}} \lor \neg t_{e_{4,6},e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5},\neg e_{2,5}} \lor \neg t_{e_{4,6},e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5},\neg e_{2,5}} \lor \neg t_{e_{4,6},e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5},\neg e_{2,5}}, \neg e_{5,6} \lor t_{\neg e_{1,5},\neg e_{2,5},\neg e_{2,5}}, \neg e_{5,6} \lor t_{\neg e_{1,5},\neg e_{2,5}}, \neg e_{5,6} \lor t_{\neg e_{1,5},\neg e_{2,5}}, \neg$$

$$4327. \ e_{4,6} \lor e_{5,6} \lor \lnot t_{e_{4,6},\,e_{5,6}}, \lnot e_{5,6} \lor t_{\lnot e_{1,5},\,\lnot e_{2,5}} \vdash e_{4,6} \lor t_{\lnot e_{1,5},\,\lnot e_{2,5}} \lor \lnot t_{e_{4,6},\,e_{5,6}}, \lnot e_{5,6} \lor t_{\lnot e_{1,5},\,\lnot e_{2,5}} \lor \lnot t_{e_{4,6},\,e_{5,6}}, \lnot e_{5,6} \lor t_{\lnot e_{1,5},\,\lnot e_{2,5}} \lor \lnot t_{e_{4,6},\,e_{5,6}}, \lnot e_{5,6} \lor t_{\lnot e_{1,5},\,\lnot e_{2,5}} \lor \lnot t_{e_{4,6},\,e_{5,6}}, \lnot e_{5,6} \lor t_{\lnot e_{1,5},\,\lnot e_{2,5}} \lor \lnot t_{e_{4,6},\,e_{5,6}}, \lnot e_{5,6} \lor t_{\lnot e_{1,5},\,\lnot e_{2,5}} \lor \lnot t_{e_{4,6},\,e_{5,6}}, \lnot e_{5,6} \lor t_{\lnot e_{1,5},\,\lnot e_{2,5}} \lor \lnot t_{e_{4,6},\,e_{5,6}}, \lnot e_{5,6} \lor t_{\lnot e_{1,5},\,\lnot e_{2,5}} \lor \lnot t_{e_{4,6},\,e_{5,6}}, \lnot e_{5,6} \lor t_{\lnot e_{1,5},\,\lnot e_{2,5}} \lor \lnot t_{e_{4,6},\,e_{5,6}}, \lnot e_{5,6} \lor t_{\lnot e_{1,5},\,\lnot e_{2,5}} \lor \lnot t_{e_{4,6},\,e_{5,6}}, \lnot e_{5,6} \lor t_{\lnot e_{1,5},\,\lnot e_{2,5}} \lor \lnot t_{e_{4,6},\,e_{5,6}}, \lnot e_{5,6} \lor t_{\lnot e_{1,5},\,\lnot e_{2,5}} \lor \lnot t_{e_{4,6},\,e_{5,6}}, \lnot e_{5,6} \lor t_{\lnot e_{1,5},\,\lnot e_{2,5}} \lor \lnot t_{e_{4,6},\,e_{5,6}}, \lnot e_{5,6} \lor t_$$

$$4328. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5},\,\neg e_{5,6}} \vdash e_{4,6} \lor e_{4,5} \lor \neg t_{e_{4,5},\,\neg e_{5,6}} \lor \neg t_{e_{4,6},\,e_{5,6}} \lor \neg t_{e_{4,6},\,e_{5,6}$$

4329.
$$e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash e_{4,6} \lor t_{\neg e_{1,5}, e_{2,5}} \lor \neg t_{e_{4,6}, e_{5,6}}$$

$$4330. \ \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5},\,\neg e_{5,6}} \vdash e_{4,6} \lor e_{4,5} \lor \neg t_{e_{4,5},\,\neg e_{5,6}} \lor \neg t_{e_{4,6},\,e_{5,6}} \lor \neg t_{e_{4,6},\,e_{5,$$

$$4331. \ \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,5} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{5,6}} \vdash e_{4,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{5,6}} \lor \neg e_{4,5} \lor \neg t_{e_{4,6},\,e_{5,6}} \lor \neg e_{4,6} \lor \neg$$

4332.
$$e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5},e_{2,5}} \vdash e_{4,6} \lor t_{\neg e_{1,5},e_{2,5}} \lor \neg t_{e_{4,6},e_{5,6}}$$

$$4333. \ e_{4,6} \lor e_{5,6} \lor \lnot t_{e_{4,6},\,e_{5,6}}, \lnot e_{5,6} \lor t_{e_{1,5},\,\lnot e_{2,5}} \vdash t_{e_{1,5},\,\lnot e_{2,5}} \lor e_{4,6} \lor \lnot t_{e_{4,6},\,e_{5,6}}$$

$$4334. \ \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5},\,\neg e_{5,6}} \vdash e_{4,6} \lor e_{4,5} \lor \neg t_{e_{4,5},\,\neg e_{5,6}} \lor \neg t_{e_{4,6},\,e_{5,6}} \lor \neg t_{e_{4,6},\,e_{5,$$

$$4335. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,5} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{5,6}} \vdash e_{4,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{5,6}} \lor \neg e_{4,5} \lor \neg t_{e_{4,6},\,e_{5,6}} \lor \neg e_{4,6} \lor \neg e$$

4336.
$$e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},e_{5,6}}, \neg e_{5,6} \lor t_{e_{1,5},\neg e_{2,5}} \vdash t_{e_{1,5},\neg e_{2,5}} \lor e_{4,6} \lor \neg t_{e_{4,6},e_{5,6}}$$

$$4337. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,5} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{5,6}} \vdash e_{4,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{5,6}} \lor \neg e_{4,5} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{5,6} \lor \neg e_$$

4338.
$$e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}}, \neg e_{5,6} \lor t_{e_{1,5}, e_{2,5}} \vdash e_{4,6} \lor t_{e_{1,5}, e_{2,5}} \lor \neg t_{e_{4,6}, e_{5,6}}$$

4339.
$$e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{5,6} \lor t_{e_{1,5},\,e_{2,5}} \vdash e_{4,6} \lor t_{e_{1,5},\,e_{2,5}} \lor \neg t_{e_{4,6},\,e_{5,6}}$$

$$4340. \ \ e_{4,6} \lor e_{5,6} \lor \lnot t_{e_{4,6},\,e_{5,6}}, e_{4,5} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,5},\,\lnot e_{5,6}} \vdash e_{4,6} \lor e_{4,5} \lor \lnot t_{e_{4,5},\,\lnot e_{5,6}} \lor \lnot t_{e_{4,6},\,e_{5,6}} \lor \lnot t_{e_{4,6},\,e_{5,$$

4341.
$$e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{4,6}, e_{5,6}}$$

$$4342. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6},\,\neg e_{2,6}} \vdash e_{4,6} \lor t_{\neg e_{1,6},\,\neg e_{2,6}} \lor \neg t_{e_{4,6},\,e_{5,6}}$$

$$4343. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{3,6} \lor t_{\neg e_{1,6},\,\neg e_{2,6}} \lor t_{e_{4,6},\,e_{5,6}} \vdash e_{5,6} \lor \neg e_{3,6} \lor e_{4,6} \lor t_{\neg e_{1,6},\,\neg e_{2,6}} \lor e_{4,6} \lor e_{5,6} \lor \neg e_{3,6} \lor e_{4,6} \lor e_{5,6} \lor \neg e_{5,6} \lor e_{5,6} \lor \neg e_{5,6} \lor e_{5,$$

$$4344. \ \ e_{4,6} \lor e_{5,6} \lor \lnot t_{e_{4,6},\,e_{5,6}}, \lnot e_{4,6} \lor e_{5,6} \lor \lnot t_{\lnot e_{4,6},\,e_{5,6}} \vdash e_{5,6} \lor \lnot t_{\lnot e_{4,6},\,e_{5,6}} \lor \lnot t_{e_{4,6},\,e_{5,6}} \lor t_{e_{4,6},\,e_{5,6}} \lor \lnot t_{e_{4,6},\,e_{5,6}} \lor t_{e_{4,6},\,e_{5,6}} \lor \lnot t_{e_{4,6},\,e_{5,6}} \lor \lnot t_{e_{4,6},\,e_{5,6}} \lor \lnot t_{e_{$$

$$4345. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6},\,\neg e_{2,6}} \vdash e_{4,6} \lor t_{\neg e_{1,6},\,\neg e_{2,6}} \lor \neg t_{e_{4,6},\,e_{5,6}}$$

$$4346. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6},\,\neg e_{5,6}} \vdash e_{4,6} \lor \neg t_{e_{4,6},\,\neg e_{5,6}} \lor \neg t_{e_{4,6},\,e_{5,6}} \lor \neg t_{e$$

$$4347. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6},\,\neg e_{2,6}} \vdash e_{5,6} \lor t_{\neg e_{1,6},\,\neg e_{2,6}} \lor \neg t_{e_{4,6},\,e_{5,6}}$$

$$4348. \ \ e_{4,6} \lor e_{5,6} \lor \lnot t_{e_{4,6},\,e_{5,6}}, \lnot e_{4,6} \lor e_{5,6} \lor \lnot t_{\lnot e_{4,6},\,e_{5,6}} \vdash e_{5,6} \lor \lnot t_{\lnot e_{4,6},\,e_{5,6}} \lor \lnot t_{e_{4,6},\,e_{5,6}} \lor t_{e_{4,6},\,e_{5,6}} \lor \lnot t_{e_{4,6},\,e_{5,6}} \lor t_{e_{4,6},\,e_{5,6}} \lor \lnot t_{e_{4,6},\,e_{5,6}} \lor \lnot t_{e_{4,6},\,e_{5,6}} \lor \lnot t_{e_{$$

$$4349. \ e_{4,6} \lor e_{5,6} \lor \lnot t_{e_{4,6},\,e_{5,6}}, \lnot e_{5,6} \lor t_{\lnot e_{1,6},\,e_{2,6}} \vdash e_{4,6} \lor t_{\lnot e_{1,6},\,e_{2,6}} \lor \lnot t_{e_{4,6},\,e_{5,6}}$$

$$4350. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6},\,\neg e_{5,6}} \vdash e_{4,6} \lor \neg t_{e_{4,6},\,\neg e_{5,6}} \lor \neg t_{e_{4,6},\,e_{5,6}} \lor \neg t_{e$$

4351.
$$e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6},e_{2,6}} \vdash e_{5,6} \lor t_{\neg e_{1,6},e_{2,6}} \lor \neg t_{e_{4,6},e_{5,6}}$$

4352.
$$e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6},e_{2,6}} \vdash e_{5,6} \lor t_{\neg e_{1,6},e_{2,6}} \lor \neg t_{e_{4,6},e_{5,6}}$$

$$4353. \ \ e_{4,6} \lor e_{5,6} \lor \lnot t_{e_{4,6},\,e_{5,6}}, \lnot e_{5,6} \lor t_{\lnot e_{1,6},\,e_{2,6}} \vdash e_{4,6} \lor t_{\lnot e_{1,6},\,e_{2,6}} \lor \lnot t_{e_{4,6},\,e_{5,6}}$$

$$4354. \ \ e_{4,6} \lor e_{5,6} \lor \lnot t_{e_{4,6},\,e_{5,6}}, e_{3,6} \lor t_{\lnot e_{1,6},\,e_{2,6}} \lor t_{e_{4,6},\,e_{5,6}} \vdash e_{5,6} \lor t_{\lnot e_{1,6},\,e_{2,6}} \lor e_{4,6} \lor e_{3,6}$$

$$4355. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\,e_{5,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\,e_{5,6}} \lor \neg t_{e_{4,6},\,e_{5,6}} \lor \neg t_{e$$

4356.
$$e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}}, \neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{4,6}, e_{5,6}}$$

$$4357. \ \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6},\,\neg e_{5,6}} \vdash e_{4,6} \lor \neg t_{e_{4,6},\,\neg e_{5,6}} \lor \neg t_{e_{4,6},\,e_{5,6}} \lor \neg t_$$

4358.
$$e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},e_{5,6}}, \neg e_{4,6} \lor t_{e_{1,6},\neg e_{2,6}} \vdash e_{5,6} \lor t_{e_{1,6},\neg e_{2,6}} \lor \neg t_{e_{4,6},e_{5,6}}$$

4359.
$$e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},e_{5,6}}, \neg e_{4,6} \lor t_{e_{1,6},\neg e_{2,6}} \vdash e_{5,6} \lor t_{e_{1,6},\neg e_{2,6}} \lor \neg t_{e_{4,6},e_{5,6}}$$

$$4360. \ \ e_{4,6} \lor e_{5,6} \lor \lnot t_{e_{4,6},\,e_{5,6}}, \lnot e_{5,6} \lor t_{e_{1,6},\,\lnot e_{2,6}} \vdash e_{4,6} \lor t_{e_{1,6},\,\lnot e_{2,6}} \lor \lnot t_{e_{4,6},\,e_{5,6}}$$

$$4361. \ \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, e_{3,6} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor t_{e_{4,6},\,e_{5,6}} \vdash e_{5,6} \lor e_{4,6} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor e_{3,6}$$

4362.
$$e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}}, \neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \vdash e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{4,6}, e_{5,6}}$$

4363.
$$e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}}, \neg e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \vdash e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{4,6}, e_{5,6}}$$

$$4364. \ \ e_{4,6} \lor e_{5,6} \lor \lnot t_{e_{4,6},\,e_{5,6}}, \lnot e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{e_{4,6},\,e_{5,6}} \vdash e_{5,6} \lor \lnot e_{3,6} \lor t_{e_{4,6},\,e_{2,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{e_{2,6}} \lor t_{e_{3,6}} \lor t_$$

$$4365. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\,e_{5,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\,e_{5,6}} \lor \neg t_{e_{4,6},\,e_{5,6}} \lor \neg t_{e$$

4366.
$$e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}}, \neg e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \vdash e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{4,6}, e_{5,6}}$$

$$4367. \ e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6},\,\neg e_{5,6}} \vdash e_{4,6} \lor \neg t_{e_{4,6},\,\neg e_{5,6}} \lor \neg t_{e_{4,6},\,e_{5,6}} \lor \neg t_{e$$

4368.
$$e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}}, \neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \vdash e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{4,6}, e_{5,6}}$$

4369.
$$\neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,4}, \neg e_{2,4}}$$

4370.
$$\neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5}, e_{4,6}} \vdash e_{4,5} \lor \neg t_{e_{4,5}, e_{4,6}} \lor t_{e_{1,6}, e_{2,6}}$$

4371.
$$\neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5}, e_{4,6}} \vdash \neg t_{\neg e_{4,5}, e_{4,6}} \lor t_{e_{1,6}, e_{2,6}} \lor \neg e_{4,5}$$

4372.
$$\neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,4}, \neg e_{2,4}}$$

$$4373. \ \, \neg e_{4,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5},\,e_{4,6}} \vdash \neg t_{\neg e_{4,5},\,e_{4,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg e_{4,5}$$

4374.
$$\neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,4}, e_{2,4}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,4}, e_{2,4}}$$

4375.
$$\neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,4}, e_{2,4}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,4}, e_{2,4}}$$

4376.
$$\neg e_{4,6} \lor t_{e_{1,6},e_{2,6}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5},e_{4,6}} \vdash e_{4,5} \lor \neg t_{e_{4,5},e_{4,6}} \lor t_{e_{1,6},e_{2,6}}$$

$$4377. \ \, \neg e_{4,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5},\,e_{4,6}} \vdash \neg t_{\neg e_{4,5},\,e_{4,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg e_{4,5}$$

4378.
$$\neg e_{4,6} \lor t_{e_{1,6},e_{2,6}}, e_{4,6} \lor t_{e_{1,4},\neg e_{2,4}} \vdash t_{e_{1,6},e_{2,6}} \lor t_{e_{1,4},\neg e_{2,4}}$$

4379.
$$\neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, e_{4,6} \lor t_{e_{1,4}, \neg e_{2,4}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,4}, \neg e_{2,4}}$$

$$4380. \ \, \neg e_{4,6} \lor t_{e_{1,6},\,e_{2,6}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5},\,e_{4,6}} \vdash e_{4,5} \lor \neg t_{e_{4,5},\,e_{4,6}} \lor t_{e_{1,6},\,e_{2,6}}$$

4381.
$$\neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,4}, e_{2,4}}$$

4382.
$$\neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5}, e_{4,6}} \vdash e_{4,5} \lor \neg t_{e_{4,5}, e_{4,6}} \lor t_{e_{1,6}, e_{2,6}}$$

4383.
$$\neg e_{4,6} \lor t_{e_{1,6},e_{2,6}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5},e_{4,6}} \vdash \neg t_{\neg e_{4,5},e_{4,6}} \lor t_{e_{1,6},e_{2,6}} \lor \neg e_{4,5}$$

4384.
$$\neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,4}, e_{2,4}}$$

4385.
$$\neg e_{4,6} \lor t_{e_{1,6},e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,6},\neg e_{2,6}} \vdash t_{e_{1,6},e_{2,6}} \lor t_{\neg e_{1,6},\neg e_{2,6}}$$

4386.
$$\neg e_{4,6} \lor t_{e_{1,6},e_{2,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},e_{5,6}} \vdash e_{5,6} \lor t_{e_{1,6},e_{2,6}} \lor \neg t_{e_{4,6},e_{5,6}}$$

4387.
$$\neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

4388.
$$\neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \vdash \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor t_{e_{1,6}, e_{2,6}}$$

4389.
$$\neg e_{4,6} \lor t_{e_{1,6},e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,6},e_{2,6}} \vdash t_{e_{1,6},e_{2,6}} \lor t_{\neg e_{1,6},e_{2,6}}$$

4390.
$$\neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \vdash \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor t_{e_{1,6}, e_{2,6}}$$

4391.
$$\neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

4392.
$$\neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}} \vdash e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{4,6}, e_{5,6}}$$

4393.
$$\neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, \neg e_{2,6}}$$

$$4394. \ \, \neg e_{4,6} \lor t_{e_{1,6},\,e_{2,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6},\,\neg e_{5,6}} \vdash \neg e_{5,6} \lor \neg t_{e_{4,6},\,\neg e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}}$$

4395.
$$\neg e_{4,6} \lor t_{e_{1,6},e_{2,6}}, e_{4,6} \lor t_{e_{1,6},\neg e_{2,6}} \vdash t_{e_{1,6},e_{2,6}} \lor t_{e_{1,6},\neg e_{2,6}}$$

$$4396. \ \, \neg e_{4,6} \lor t_{e_{1,6},\,e_{2,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}} \vdash e_{5,6} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{4,6},\,e_{5,6}}$$

4397.
$$\neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg e_{4,6} \lor e_{1,6} \lor e_{2,6}$$

4398.
$$\neg e_{4,6} \lor t_{e_{1,6},e_{2,6}}, e_{4,6} \lor t_{e_{1,6},e_{2,6}} \vdash t_{e_{1,6},e_{2,6}}$$

4399.
$$\neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg e_{4,6} \lor e_{1,6} \lor e_{2,6}$$

4400.
$$\neg e_{4,6} \lor t_{e_{1,6},e_{2,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},e_{5,6}} \vdash e_{5,6} \lor t_{e_{1,6},e_{2,6}} \lor \neg t_{e_{4,6},e_{5,6}}$$

4401.
$$\neg e_{4,6} \lor t_{e_{1,6},\,e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}} \vdash \neg e_{4,6} \lor e_{1,6} \lor e_{2,6}$$

4402.
$$\neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}}$$

4403.
$$\neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg e_{4,6} \lor e_{1,6} \lor e_{2,6}$$

4404.
$$\neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \vdash \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor t_{e_{1,6}, e_{2,6}}$$

4405.
$$\neg e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,5}, \neg e_{2,5}}$$

4406.
$$\neg e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5}, e_{5,6}} \vdash \neg t_{e_{4,5}, e_{5,6}} \lor e_{4,5} \lor t_{e_{1,6}, e_{2,6}}$$

$$4407. \ \, \neg e_{5,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5},\,e_{5,6}} \vdash \neg t_{\neg e_{4,5},\,e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg e_{4,5}$$

4408.
$$\neg e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,5}, \neg e_{2,5}}$$

$$4409. \ \neg e_{5,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5},\,e_{5,6}} \vdash \neg t_{\neg e_{4,5},\,e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg e_{4,5}$$

4410.
$$\neg e_{5,6} \lor t_{e_{1,6},e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,5},e_{2,5}} \vdash t_{e_{1,6},e_{2,6}} \lor t_{\neg e_{1,5},e_{2,5}}$$

4411.
$$\neg e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,5}, e_{2,5}}$$

4412.
$$\neg e_{5,6} \lor t_{e_{1,6},e_{2,6}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5},e_{5,6}} \vdash \neg t_{e_{4,5},e_{5,6}} \lor e_{4,5} \lor t_{e_{1,6},e_{2,6}}$$

4413.
$$\neg e_{5,6} \lor t_{e_{1,6},e_{2,6}}, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5},e_{5,6}} \vdash \neg t_{\neg e_{4,5},e_{5,6}} \lor t_{e_{1,6},e_{2,6}} \lor \neg e_{4,5}$$

4414.
$$\neg e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, e_{5,6} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,5}, \neg e_{2,5}}$$

4415.
$$\neg e_{5,6} \lor t_{e_{1,6},e_{2,6}}, e_{5,6} \lor t_{e_{1,5},\neg e_{2,5}} \vdash t_{e_{1,6},e_{2,6}} \lor t_{e_{1,5},\neg e_{2,5}}$$

4416.
$$\neg e_{5,6} \lor t_{e_{1,6},e_{2,6}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5},e_{5,6}} \vdash \neg t_{e_{4,5},e_{5,6}} \lor e_{4,5} \lor t_{e_{1,6},e_{2,6}}$$

4417.
$$\neg e_{5,6} \lor t_{e_{1,6},\,e_{2,6}}, e_{5,6} \lor t_{e_{1,5},\,e_{2,5}} \vdash t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,5},\,e_{2,5}}$$

$$4418. \ \, \neg e_{5,6} \lor t_{e_{1,6},\,e_{2,6}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5},\,e_{5,6}} \vdash \neg t_{e_{4,5},\,e_{5,6}} \lor e_{4,5} \lor t_{e_{1,6},\,e_{2,6}}$$

4419.
$$\neg e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5}, e_{5,6}} \vdash \neg t_{\neg e_{4,5}, e_{5,6}} \lor t_{e_{1,6}, e_{2,6}} \lor \neg e_{4,5}$$

4420.
$$\neg e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, e_{5,6} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,5}, e_{2,5}}$$

4421.
$$\neg e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

4422.
$$\neg e_{5,6} \lor t_{e_{1,6},e_{2,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},e_{5,6}} \vdash e_{4,6} \lor t_{e_{1,6},e_{2,6}} \lor \neg t_{e_{4,6},e_{5,6}}$$

$$4423. \ \, \neg e_{5,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\,e_{5,6}} \vdash \neg t_{\neg e_{4,6},\,e_{5,6}} \lor \neg e_{4,6} \lor t_{e_{1,6},\,e_{2,6}}$$

4424.
$$\neg e_{5,6} \lor t_{e_{1,6},e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,6},\neg e_{2,6}} \vdash t_{e_{1,6},e_{2,6}} \lor t_{\neg e_{1,6},\neg e_{2,6}}$$

4425.
$$\neg e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \vdash \neg t_{\neg e_{4,6}, e_{5,6}} \lor \neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}}$$

4426.
$$\neg e_{5,6} \lor t_{e_{1,6},e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,6},e_{2,6}} \vdash t_{e_{1,6},e_{2,6}} \lor t_{\neg e_{1,6},e_{2,6}}$$

4427.
$$\neg e_{5,6} \lor t_{e_{1,6},e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,6},e_{2,6}} \vdash t_{e_{1,6},e_{2,6}} \lor t_{\neg e_{1,6},e_{2,6}}$$

$$4428. \ \, \neg e_{5,6} \lor t_{e_{1,6},\,e_{2,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}} \vdash e_{4,6} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{4,6},\,e_{5,6}}$$

$$4429. \ \, \neg e_{5,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\,e_{5,6}} \vdash \neg t_{\neg e_{4,6},\,e_{5,6}} \lor \neg e_{4,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg e_{4,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg e_$$

4430.
$$\neg e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, \neg e_{2,6}}$$

4431.
$$\neg e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, \neg e_{2,6}}$$

4432.
$$\neg e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}} \vdash e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{4,6}, e_{5,6}}$$

4433.
$$\neg e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg e_{5,6} \lor e_{1,6} \lor e_{2,6}$$

4434.
$$\neg e_{5,6} \lor t_{e_{1,6},e_{2,6}}, e_{5,6} \lor t_{e_{1,6},e_{2,6}} \vdash t_{e_{1,6},e_{2,6}}$$

4435.
$$\neg e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg e_{5,6} \lor e_{1,6} \lor e_{2,6}$$

$$4436. \ \, \neg e_{5,6} \lor t_{e_{1,6},\,e_{2,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}} \vdash e_{4,6} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{4,6},\,e_{5,6}}$$

4437.
$$\neg e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg e_{5,6} \lor e_{1,6} \lor e_{2,6}$$

$$4438. \ \, \neg e_{5,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\,e_{5,6}} \vdash \neg t_{\neg e_{4,6},\,e_{5,6}} \lor \neg e_{4,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg e_{4,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg e_{5$$

4439.
$$\neg e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg e_{5,6} \lor e_{1,6} \lor e_{2,6}$$

4440.
$$\neg e_{5,6} \lor t_{e_{1,6},e_{2,6}}, e_{5,6} \lor t_{e_{1,6},e_{2,6}} \vdash t_{e_{1,6},e_{2,6}}$$

$$4441. \ \neg e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{e_{4,6},\,e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,3},\,\neg e_{2,3}} \vdash t_{e_{4,6},\,e_{5,6}} \lor t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,6},\,e_{2,6}}$$

$$4442. \ \neg e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{e_{4,6},\,e_{5,6}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5},\,e_{3,6}} \vdash t_{e_{4,6},\,e_{5,6}} \lor e_{3,5} \lor \neg t_{e_{3,5},\,e_{3,6}} \lor t_{e_{1,6},\,e_{2,6}}$$

$$4443. \ \, \neg e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{e_{4,6},\,e_{5,6}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\,e_{3,6}} \vdash t_{e_{4,6},\,e_{5,6}} \lor \neg t_{\neg e_{3,5},\,e_{3,6}} \lor \neg e_{3,5} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg e_{3,5} \lor t_{e_{2,6},\,e_{2,6}} \lor \neg e_{3,5} \lor \neg e_{3,5} \lor t_{e_{2,6},\,e_{2,6}} \lor \neg e_{3,5} \lor \neg e_{3,6} \lor \neg e_{3,5} \lor \neg e_{3,6} \lor \neg e_{3,6} \lor \neg e_{3,5} \lor \neg e_{3,5} \lor \neg e_{3,6} \lor \neg e_{3,5} \lor \neg e_{3,6} \lor \neg e_{3,$$

4444.
$$\neg e_{3,6} \lor t_{e_{1,6}, e_{2,6}} \lor t_{e_{4,6}, e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \vdash t_{e_{4,6}, e_{5,6}} \lor t_{\neg e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,6}, e_{2,6}}$$

$$4445. \ \neg e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{e_{4,6},\,e_{5,6}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\,e_{3,6}} \vdash t_{e_{4,6},\,e_{5,6}} \lor \neg t_{\neg e_{3,5},\,e_{3,6}} \lor \neg e_{3,5} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{3,5},\,e_{3,6}} \lor \neg t_{\neg e_$$

$$4446. \ \neg e_{3,6} \lor t_{e_{1,6},e_{2,6}} \lor t_{e_{4,6},e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,3},e_{2,3}} \vdash t_{e_{4,6},e_{5,6}} \lor t_{\neg e_{1,3},e_{2,3}} \lor t_{e_{1,6},e_{2,6}}$$

- $4447. \ \neg e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{e_{4,6},\,e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,3},\,e_{2,3}} \vdash t_{e_{4,6},\,e_{5,6}} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,6},\,e_{2,6}}$
- $4448. \ \, \neg e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{e_{4,6},\,e_{5,6}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5},\,e_{3,6}} \vdash t_{e_{4,6},\,e_{5,6}} \lor e_{3,5} \lor \neg t_{e_{3,5},\,e_{3,6}} \lor t_{e_{1,6},\,e_{2,6}}, e_{3,6} \lor e$
- $4449. \ \, \neg e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{e_{4,6},\,e_{5,6}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\,e_{3,6}} \vdash t_{e_{4,6},\,e_{5,6}} \lor \neg t_{\neg e_{3,5},\,e_{3,6}} \lor \neg e_{3,5} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg e_{3,5} \lor t_{e_{2,6},\,e_{2,6}} \lor \neg e_{3,5} \lor \neg e_{3,5} \lor \neg e_{3,6} \lor \neg e_{3,5} \lor \neg e_{3,6} \lor \neg e_{3,6}$
- $4450. \ \, \neg e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{e_{4,6},\,e_{5,6}}, e_{3,6} \lor t_{e_{1,3},\,\neg e_{2,3}} \vdash t_{e_{4,6},\,e_{5,6}} \lor t_{e_{1,3},\,\neg e_{2,3}} \lor t_{e_{1,6},\,e_{2,6}}$
- 4451. $\neg e_{3,6} \lor t_{e_{1,6}, e_{2,6}} \lor t_{e_{4,6}, e_{5,6}}, e_{3,6} \lor t_{e_{1,3}, \neg e_{2,3}} \vdash t_{e_{4,6}, e_{5,6}} \lor t_{e_{1,3}, \neg e_{2,3}} \lor t_{e_{1,6}, e_{2,6}}$
- $4452. \ \neg e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{e_{4,6},\,e_{5,6}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5},\,e_{3,6}} \vdash t_{e_{4,6},\,e_{5,6}} \lor e_{3,5} \lor \neg t_{e_{3,5},\,e_{3,6}} \lor t_{e_{1,6},\,e_{2,6}}$
- $4453. \ \, \neg e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{e_{4,6},\,e_{5,6}}, e_{3,6} \lor t_{e_{1,3},\,e_{2,3}} \vdash t_{e_{4,6},\,e_{5,6}} \lor t_{e_{1,3},\,e_{2,3}} \lor t_{e_{1,6},\,e_{2,6}}$
- $4454. \ \, \neg e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{e_{4,6},\,e_{5,6}}, e_{3,5} \lor e_{3,6} \lor \neg t_{e_{3,5},\,e_{3,6}} \vdash t_{e_{4,6},\,e_{5,6}} \lor e_{3,5} \lor \neg t_{e_{3,5},\,e_{3,6}} \lor t_{e_{1,6},\,e_{2,6}}, e_{3,6} \lor e$
- $4455. \ \neg e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{e_{4,6},\,e_{5,6}}, \neg e_{3,5} \lor e_{3,6} \lor \neg t_{\neg e_{3,5},\,e_{3,6}} \vdash t_{e_{4,6},\,e_{5,6}} \lor \neg t_{\neg e_{3,5},\,e_{3,6}} \lor \neg e_{3,5} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{3,5},\,e_{3,6}} \lor \neg t_{\neg e_$
- $4456. \ \, \neg e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{e_{4,6},\,e_{5,6}}, e_{3,6} \lor t_{e_{1,3},\,e_{2,3}} \vdash t_{e_{4,6},\,e_{5,6}} \lor t_{e_{1,3},\,e_{2,3}} \lor t_{e_{1,6},\,e_{2,6}}, e_{2,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{e_{2,6},\,e_{2,6}} \lor t_$
- $4457. \ \neg e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{e_{4,6},\,e_{5,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}} \vdash \neg e_{3,6} \lor e_{5,6} \lor e_{4,6} \lor t_{e_{1,6},\,e_{2,6}}$
- $4458. \ \, \neg e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{e_{4,6},\,e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,6},\,\neg e_{2,6}} \lor t_{\neg e_{4,6},\,e_{5,6}} \vdash t_{e_{4,6},\,e_{5,6}} \lor t_{\neg e_{4,6},\,e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,6},\,\neg e_{2,6}} \lor t_{\neg e_{2,$
- $4459. \ \neg e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{e_{4,6},\,e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,6},\,\neg e_{2,6}} \lor t_{e_{4,6},\,\neg e_{5,6}} \vdash t_{e_{4,6},\,e_{5,6}} \lor t_{e_{4,6},\,\neg e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,6},\,\neg e_{2,6}} \lor t_{\neg e_{1,$
- $4460. \ \, \neg e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{e_{4,6},\,e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,6},\,e_{2,6}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}} \vdash t_{e_{4,6},\,e_{5,6}} \lor t_{\neg e_{1,6},\,e_{2,6}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor$
- $4461. \ \, \neg e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{e_{4,6},\,e_{5,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}} \vdash \neg e_{3,6} \lor e_{5,6} \lor e_{4,6} \lor t_{e_{1,6},\,e_{2,6}}$
- $4462. \ \, \neg e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{e_{4,6},\,e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,6},\,e_{2,6}} \lor t_{e_{4,6},\,e_{5,6}} \vdash t_{e_{4,6},\,e_{5,6}} \lor t_{\neg e_{1,6},\,e_{2,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{e_{2,6}} \lor t_$
- $4463. \ \neg e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{e_{4,6},\,e_{5,6}}, e_{3,6} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}} \vdash t_{e_{4,6},\,e_{5,6}} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}} \lor t_{\neg e_{4,6},\,$
- 4464. $\neg e_{3,6} \lor t_{e_{1,6}, e_{2,6}} \lor t_{e_{4,6}, e_{5,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}} \vdash \neg e_{3,6} \lor e_{5,6} \lor e_{4,6} \lor t_{e_{1,6}, e_{2,6}}$
- $4465. \ \, \neg e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{e_{4,6},\,e_{5,6}}, e_{3,6} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor t_{e_{4,6},\,e_{5,6}} \vdash t_{e_{4,6},\,e_{5,6}} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1$
- $4466. \ \neg e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{e_{4,6},\,e_{5,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}} \vdash \neg e_{3,6} \lor t_{e_{4,6},\,e_{5,6}} \lor e_{1,6} \lor e_{2,6}$
- $4467. \ \neg e_{3,6} \lor t_{e_{1,6}, e_{2,6}} \lor t_{e_{4,6}, e_{5,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg e_{3,6} \lor t_{e_{4,6}, e_{5,6}} \lor e_{1,6} \lor e_{2,6}$
- $4468. \ \, \neg e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{e_{4,6},\,e_{5,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}} \vdash \neg e_{3,6} \lor e_{5,6} \lor e_{4,6} \lor t_{e_{1,6},\,e_{2,6}}$
- $4469. \ \, \neg e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{e_{4,6},\,e_{5,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}} \vdash \neg e_{3,6} \lor t_{e_{4,6},\,e_{5,6}} \lor e_{1,6} \lor e_{2,6}$
- $4470. \ \neg e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{e_{4,6},\,e_{5,6}}, e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{4,6},\,e_{5,6}} \vdash t_{e_{4,6},\,e_{5,6}} \lor t_{\neg e_{4,6},\,e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,6}$
- 4471. $\neg e_{3,6} \lor t_{e_{1,6}, e_{2,6}} \lor t_{e_{4,6}, e_{5,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg e_{3,6} \lor t_{e_{4,6}, e_{5,6}} \lor e_{1,6} \lor e_{2,6}$
- $4472. \ \neg e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{e_{4,6},\,e_{5,6}}, e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{e_{4,6},\,\neg e_{5,6}} \vdash t_{e_{4,6},\,e_{5,6}} \lor t_{e_{4,6},\,\neg e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,6}$
- 4473. $e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,2},e_{1,3}} \vdash t_{e_{1,2},e_{1,3}} \lor \neg t_{e_{1,6},e_{2,6}} \lor e_{2,6}$

$$4474. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg e_{1,6} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$4475. \ e_{1,6} \vee e_{2,6} \vee \neg t_{e_{1,6},\,e_{2,6}}, e_{1,5} \vee \neg e_{1,6} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vdash e_{1,5} \vee \neg t_{e_{1,6},\,e_{2,6}} \vee \neg t_{e_{1,5},\,\neg e_{1,6}} \vee e_{2,6}$$

4476.
$$e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,6}$$

$$4477. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg e_{1,6} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

4478.
$$e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$4479. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,2},\,\neg e_{1,3}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \lor t_{e_{1,2},\,\neg e_{1,3}}$$

$$4480. \ \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg e_{1,6} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$4481. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor \neg e_{1,6} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

4482.
$$e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{1,6} \lor t_{\neg e_{1,2},\,e_{1,3}} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6}$$

$$4483. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{1,6} \lor t_{\neg e_{1,2},\,e_{1,3}} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6}$$

$$4484. \ \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, \, e_{2,6}}, \neg e_{1,5} \lor \neg e_{1,6} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \vdash \neg t_{e_{1,6}, \, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \lor e_{2,6}$$

$$4485. \ \ e_{1,6} \lor e_{2,6} \lor \lnot t_{e_{1,6},e_{2,6}}, \lnot e_{1,6} \lor t_{\lnot e_{1,2},\lnot e_{1,3}} \vdash \lnot t_{e_{1,6},e_{2,6}} \lor t_{\lnot e_{1,2},\lnot e_{1,3}} \lor e_{2,6}$$

$$4486. \ \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor \neg e_{1,6} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$4487. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, \, e_{2,6}}, e_{1,5} \lor \neg e_{1,6} \lor \neg t_{e_{1,5}, \, \neg e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,6}, \, e_{2,6}} \lor \neg t_{e_{1,5}, \, \neg e_{1,6}} \lor e_{2,6}$$

$$4488. \ e_{1,6} \lor e_{2,6} \lor \lnot t_{e_{1,6},\,e_{2,6}}, \lnot e_{1,6} \lor t_{\lnot e_{1,2},\,\lnot e_{1,3}} \vdash \lnot t_{e_{1,6},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{1,3}} \lor e_{2,6}$$

$$4489. \ \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$4490. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{2,3}} \lor e_{1,6}$$

4491.
$$e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,6}$$

$$4492. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \lor e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \lor e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \lor e_{2,5} \lor e_{2,5} \lor e_{2,5} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \lor e_{2,5} \lor$$

4493.
$$e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2}, e_{2,3}}$$

$$4494. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor e_{2,5} \lor e_{2,5} \lor e_{2,5} \lor e_{2,5} \lor e_{2,6} \lor e_{2,5} \lor e_{2,6} \lor e_{2,5} \lor e_{2,6} \lor e_{2,5} \lor e_{$$

$$4495. \ \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$4496. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2},e_{2,3}} \vdash \neg t_{e_{1,6},e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2},e_{2,3}}$$

4497.
$$e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6}$$

$$4498. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \lor e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \lor e_{2,6} \lor e_{2,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \lor e_{2,6} \lor e_{2,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \lor e_{2,6} \lor$$

$$4499. \ \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$4500. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2},\,\neg e_{2,3}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,6}$$

$$4501. \ \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

4502.
$$e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,6}$$

$$4503. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2},\,e_{2,3}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,6}$$

$$4504. \ \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \lor e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \lor e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \lor e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \lor e_{2,5} \lor e_{2,5} \lor e_{2,5} \lor e_{2,5} \lor e_{2,6} \lor e_{2,5} \lor e_{2,5}$$

$$4505. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

$$4506. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,6},\,e_{2,6}} \vdash t_{\neg e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6}$$

$$4507. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\,e_{2,6}}$$

4508.
$$e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6}$$

$$4509. \ \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,6},\,$$

$$4510. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,6},\,e_{2,6}} \vdash t_{\neg e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6}$$

$$4511. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\,e_{2,6}}$$

$$4512. \ \ e_{1,6} \lor e_{2,6} \lor \lnot t_{e_{1,6},\,e_{2,6}}, \lnot e_{2,6} \lor t_{\lnot e_{1,6},\,e_{2,6}} \vdash t_{\lnot e_{1,6},\,e_{2,6}} \lor \lnot t_{e_{1,6},\,e_{2,6}} \lor e_{1,6}$$

$$4513. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor e_{1,6}$$

4514.
$$e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,6}$$

$$4515. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor e_{1,6}$$

$$4516. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6},\,\neg e_{2,6}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor e_{2,6}$$

$$4517. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor e_{1,6}$$

4518.
$$e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,6}$$

$$4519. \ \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor e_{1,6}$$

4520.
$$e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, \neg e_{2,6}} \lor e_{2,6}$$

4521.
$$e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \vdash e_{4,6} \lor e_{1,6} \lor e_{2,6}$$

4522.
$$e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, e_{5,6} \lor t_{e_{1,6},\,e_{2,6}} \vdash e_{5,6} \lor e_{1,6} \lor e_{2,6}$$

$$4523. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}} \vdash \neg e_{3,6} \lor t_{\neg e_{4,6},\,\neg e_{5,6}} \lor e_{1,6} \lor e_{2,6} \lor e$$

4524.
$$e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \vdash \neg e_{4,6} \lor e_{1,6} \lor e_{2,6}$$

4525.
$$e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \vdash \neg e_{5,6} \lor e_{1,6} \lor e_{2,6}$$

$$4526. \ \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{e_{4,6},\,e_{5,6}} \vdash \neg e_{3,6} \lor t_{e_{4,6},\,e_{5,6}} \lor e_{1,6} \lor e_{2,6}$$

4527.
$$e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \vdash e_{4,6} \lor e_{1,6} \lor e_{2,6}$$

4528.
$$e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \vdash \neg e_{5,6} \lor e_{1,6} \lor e_{2,6}$$

$$4529. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{4,6},\,e_{5,6}} \vdash t_{\neg e_{4,6},\,e_{5,6}} \lor e_{3,6} \lor e_{1,6} \lor e_{2,6}$$

4530.
$$e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \vdash \neg e_{4,6} \lor e_{1,6} \lor e_{2,6}$$

4531.
$$e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \vdash e_{5,6} \lor e_{1,6} \lor e_{2,6}$$

$$4532. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{e_{4,6},\,\neg e_{5,6}} \vdash t_{e_{4,6},\,\neg e_{5,6}} \lor e_{3,6} \lor e_{1,6} \lor e_{2,6}$$

4533.
$$\neg e_{1,6} \lor t_{e_{1,6},e_{2,6}}, e_{1,5} \lor e_{1,6} \lor \neg t_{e_{1,5},e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5},e_{1,6}} \lor t_{e_{1,6},e_{2,6}}$$

$$4534. \ \, \neg e_{1,6} \lor t_{e_{1,6},\,e_{2,6}}, e_{1,6} \lor t_{e_{1,2},\,e_{1,3}} \vdash t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,e_{1,3}}$$

4535.
$$\neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, e_{1,3}}$$

$$4536. \ \, \neg e_{1,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor e_{1,6} \lor \neg t_{\neg e_{1,5},\,e_{1,6}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,e_{1,6}} \lor t_{e_{1,6},\,e_{2,6}}$$

4537.
$$\neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$4538. \ \, \neg e_{1,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor e_{1,6} \lor \neg t_{\neg e_{1,5},\,e_{1,6}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,e_{1,6}} \lor t_{e_{1,6},\,e_{2,6}}$$

4539.
$$\neg e_{1,6} \lor t_{e_{1,6},e_{2,6}}, e_{1,5} \lor e_{1,6} \lor \neg t_{e_{1,5},e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5},e_{1,6}} \lor t_{e_{1,6},e_{2,6}}$$

4540.
$$\neg e_{1,6} \lor t_{e_{1,6},e_{2,6}}, e_{1,6} \lor t_{e_{1,2},\neg e_{1,3}} \vdash t_{e_{1,6},e_{2,6}} \lor t_{e_{1,2},\neg e_{1,3}}$$

4541.
$$\neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,2}, e_{1,3}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, e_{1,3}}$$

$$4542. \ \neg e_{1,6} \lor t_{e_{1,6},e_{2,6}}, \neg e_{1,5} \lor e_{1,6} \lor \neg t_{\neg e_{1,5},e_{1,6}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},e_{1,6}} \lor t_{e_{1,6},e_{2,6}}$$

4543.
$$\neg e_{1,6} \lor t_{e_{1,6},e_{2,6}}, e_{1,5} \lor e_{1,6} \lor \neg t_{e_{1,5},e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5},e_{1,6}} \lor t_{e_{1,6},e_{2,6}}$$

4544.
$$\neg e_{1,6} \lor t_{e_{1,6},e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,2},e_{1,3}} \vdash t_{e_{1,6},e_{2,6}} \lor t_{\neg e_{1,2},e_{1,3}}$$

4545.
$$\neg e_{1,6} \lor t_{e_{1,6},e_{2,6}}, e_{1,5} \lor e_{1,6} \lor \neg t_{e_{1,5},e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5},e_{1,6}} \lor t_{e_{1,6},e_{2,6}}$$

4546.
$$\neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$4547. \ \, \neg e_{1,6} \lor t_{e_{1,6},\,e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}}$$

4548.
$$\neg e_{1,6} \lor t_{e_{1,6},e_{2,6}}, \neg e_{1,5} \lor e_{1,6} \lor \neg t_{\neg e_{1,5},e_{1,6}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},e_{1,6}} \lor t_{e_{1,6},e_{2,6}}$$

$$4549. \ \, \neg e_{1,6} \lor t_{e_{1,6},\,e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6},\,\neg e_{2,6}} \vdash t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,6},\,\neg e_{2,6}}$$

4550.
$$\neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

4551.
$$\neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$4552. \ \, \neg e_{1,6} \vee t_{e_{1,6},\,e_{2,6}}, e_{1,6} \vee t_{\neg e_{1,6},\,\neg e_{2,6}} \vdash t_{e_{1,6},\,e_{2,6}} \vee t_{\neg e_{1,6},\,\neg e_{2,6}}$$

4553.
$$\neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

4554.
$$\neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

4555.
$$\neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

4556.
$$\neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

$$4557. \ \, \neg e_{1,6} \lor t_{e_{1,6},\,e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \vdash \neg t_{e_{1,6},\,\neg e_{2,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg e_{2,6}$$

$$4558. \ \, \neg e_{1,6} \lor t_{e_{1,6},\,e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \vdash \neg t_{e_{1,6},\,\neg e_{2,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg e_{2,6}$$

$$4559. \ \, \neg e_{1,6} \lor t_{e_{1,6},\,e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \vdash \neg t_{e_{1,6},\,\neg e_{2,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg e_{2,6}$$

4560.
$$\neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \lor t_{e_{1,6}, e_{2,6}} \lor \neg e_{2,6}$$

4561.
$$\neg e_{2,6} \lor t_{e_{1,6},e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2},\neg e_{2,3}} \vdash t_{e_{1,6},e_{2,6}} \lor t_{\neg e_{1,2},\neg e_{2,3}}$$

4562.
$$\neg e_{2,6} \lor t_{e_{1,6},e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},e_{2,6}} \vdash \neg t_{e_{2,5},e_{2,6}} \lor e_{2,5} \lor t_{e_{1,6},e_{2,6}}$$

$$4563. \ \, \neg e_{2,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \vdash \neg e_{2,5} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}}$$

4564.
$$\neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

4565.
$$\neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash \neg e_{2,5} \lor t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, e_{2,6}}$$

$$4566. \ \, \neg e_{2,6} \lor t_{e_{1,6},\,e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

$$4567. \ \, \neg e_{2,6} \lor t_{e_{1,6},\,e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

4568.
$$\neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg t_{e_{2,5}, e_{2,6}} \lor e_{2,5} \lor t_{e_{1,6}, e_{2,6}}$$

$$4569. \ \neg e_{2,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \vdash \neg e_{2,5} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}}$$

4570.
$$\neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

4571.
$$\neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

4572.
$$\neg e_{2,6} \lor t_{e_{1,6},e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},e_{2,6}} \vdash \neg t_{e_{2,5},e_{2,6}} \lor e_{2,5} \lor t_{e_{1,6},e_{2,6}}$$

4573.
$$\neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}$$

4574.
$$\neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg t_{e_{2,5}, e_{2,6}} \lor e_{2,5} \lor t_{e_{1,6}, e_{2,6}}$$

4575.
$$\neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash \neg e_{2,5} \lor t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, e_{2,6}}$$

4576.
$$\neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}$$

4577.
$$\neg e_{2,6} \lor t_{e_{1,6},e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,6},\neg e_{2,6}} \vdash t_{e_{1,6},e_{2,6}} \lor t_{\neg e_{1,6},\neg e_{2,6}}$$

4578.
$$\neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$4579. \ \, \neg e_{2,6} \lor t_{e_{1,6},\,e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,6},\,\neg e_{2,6}} \vdash t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,6},\,\neg e_{2,6}}$$

4580.
$$\neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

4581.
$$\neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

$$4582. \ \, \neg e_{2,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}}$$

$$4583. \ \, \neg e_{2,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}}$$

$$4584. \ \, \neg e_{2,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}}$$

4585.
$$\neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, \neg e_{2,6}}$$

4586.
$$\neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, \neg e_{2,6}}$$

4587.
$$\neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, \neg e_{2,6}}$$

$$4588. \ \, \neg e_{2,6} \lor t_{e_{1,6},\,e_{2,6}}, e_{2,6} \lor t_{e_{1,6},\,\neg e_{2,6}} \vdash t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,6},\,\neg e_{2,6}}$$

$$4589. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,4},\, \neg e_{2,4}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,4},\, \neg e_{2,4}}$$

$$4590. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5},\, e_{4,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor e_{4,5} \lor \neg t_{e_{4,5},\, e_{4,6}} \lor \neg t_{e_{4,5},\, e_{$$

$$4591. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5},\, e_{4,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg t_{\neg e_{4,5},\, e_{4,6}} \lor \neg e_{4,5}$$

$$4592. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,4},\, \neg e_{2,4}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,4},\, \neg e_{2,4}}$$

$$4593. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5},\, e_{4,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg t_{\neg e_{4,5},\, e_{4,6}} \lor \neg e_{4,5}$$

$$4594. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,4},\, e_{2,4}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,4},\, e_{2,4}}$$

$$4595. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,4},\, e_{2,4}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,4},\, e_{2,4}}$$

$$4596. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5},\, e_{4,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor e_{4,5} \lor \neg t_{e_{4,5},\, e_{4,6}} \lor \neg t_{e_{4,5},\, e_{$$

$$4597. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5},\, e_{4,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg t_{\neg e_{4,5},\, e_{4,6}} \lor \neg e_{4,5}$$

$$4598. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,6} \lor t_{e_{1,4},\, \neg e_{2,4}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{e_{1,4},\, \neg e_{2,4}}$$

$$4599. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,6} \lor t_{e_{1,4},\, \neg e_{2,4}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{e_{1,4},\, \neg e_{2,4}}$$

$$4600. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5},\, e_{4,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor e_{4,5} \lor \neg t_{e_{4,5},\, e_{4,6}} \lor \neg t_{e_{4,5},\, e_{$$

4601.
$$\neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}}, e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \lor t_{e_{1,4}, e_{2,4}}$$

$$4602. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5},\, e_{4,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor e_{4,5} \lor \neg t_{e_{4,5},\, e_{4,6}} \lor \neg t_{e_{4,5},\, e_{$$

$$4603. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5},\, e_{4,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg t_{\neg e_{4,5},\, e_{4,6}} \lor \neg e_{4,5}$$

4604.
$$\neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}}, e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \lor t_{e_{1,4}, e_{2,4}}$$

$$4605. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{4,5} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,5},\, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg t_{\neg e_{4,5},\, \neg e_{5,6}} \lor \neg e_{4,6} \lor \neg e_{4,5}$$

$$4606. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5},\, \neg e_{2,5}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,5},\, \neg e_{2,5}} \lor \neg e_{4,6}$$

$$4607. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5},\, \neg e_{2,5}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,5},\, \neg e_{2,5}} \lor \neg e_{4,6}$$

$$4608. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5},\, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor e_{4,5} \lor \neg t_{e_{4,5},\, \neg e_{5,6}} \lor \neg e_{4,6} \lor e_{4,5} \lor \neg e_{4,6} \lor \neg e_{4,6}$$

$$4609. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg e_{4,6} \lor t_{\neg e_{1,5},\, e_{2,5}}$$

$$4610. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5},\, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor e_{4,5} \lor \neg t_{e_{4,5},\, \neg e_{5,6}} \lor \neg e_{4,6}$$

$$4611. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{4,5} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,5},\, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg t_{\neg e_{4,5},\, \neg e_{5,6}} \lor \neg e_{4,6} \lor \neg e_{4,5} \lor \neg e_{4,6} \lor$$

$$4612. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5},\, e_{2,5}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg e_{4,6} \lor t_{\neg e_{1,5},\, e_{2,5}}$$

$$4613. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{5,6} \lor t_{e_{1,5},\, \neg e_{2,5}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg e_{4,6}$$

$$4614. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5},\, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor e_{4,5} \lor \neg t_{e_{4,5},\, \neg e_{5,6}} \lor \neg e_{4,6} \lor \neg e_{4,6}, e_{5,6} \lor \neg e_{5,6$$

$$4615. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{4,5} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,5},\, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg t_{\neg e_{4,5},\, \neg e_{5,6}} \lor \neg e_{4,6} \lor$$

$$4616. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{5,6} \lor t_{e_{1,5},\, \neg e_{2,5}} \vdash t_{e_{1,5},\, \neg e_{2,5}} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg e_{4,6}$$

$$4617. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{4,5} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,5},\, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg t_{\neg e_{4,5},\, \neg e_{5,6}} \lor \neg e_{4,6} \lor$$

$$4618. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{5,6} \lor t_{e_{1,5},\, e_{2,5}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{e_{1,5},\, e_{2,5}} \lor \neg e_{4,6}$$

4619.
$$\neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}}, \neg e_{5,6} \lor t_{e_{1,5}, e_{2,5}} \vdash \neg t_{\neg e_{4,6}, e_{5,6}} \lor t_{e_{1,5}, e_{2,5}} \lor \neg e_{4,6}$$

$$4620. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5},\, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor e_{4,5} \lor \neg t_{e_{4,5},\, \neg e_{5,6}} \lor \neg e_{4,6} \lor \neg e_{4,6$$

$$4621. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \lor \neg e_{4,6} \lor \neg e_{5,6} \lor$$

$$4622. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,6},\, \neg e_{2,6}}$$

$$4623. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\, e_{5,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg t_{e_{4,6},\, e_{5,6}} \lor \neg$$

$$4624. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg e_{4,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}}$$

$$4625. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,6},\, \neg e_{2,6}}$$

$$4626. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg e_{4,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}}$$

$$4627. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{4,6},\, e_{5,6}} \vdash e_{5,6} \lor \neg e_{4,6} \lor e_{3,6} \lor t_{\neg e_{1,6},\, \neg e_{2,6}} \lor e_{5,6} \lor$$

$$4628. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,6},\, e_{2,6}}$$

$$4629. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{4,6}$$

$$4630. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, e_{5,6}} \vdash e_{5,6} \lor \neg e_{3,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{4,6}$$

$$4631. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \lor \neg e_{4,6} \lor \neg e_{5,6} \lor$$

4632.
$$\neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}}, e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

$$4633. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\, e_{5,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg t_{e_{4,6},\, e_{5,6}} \lor \neg$$

$$4634. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6},\, e_{2,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{\neg e_{1,6},\, e_{2,6}} \lor \neg e_{4,6}$$

$$4635. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,6} \lor t_{e_{1,6},\, \neg e_{2,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{e_{1,6},\, \neg e_{2,6}}$$

$$4636. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{5,6} \lor t_{e_{1,6},\, \neg e_{2,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor \neg e_{4,6}$$

$$4637. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{3,6} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor t_{\neg e_{4,6},\, e_{5,6}} \vdash e_{5,6} \lor \neg e_{3,6} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor \neg e_{4,6}$$

$$4638. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \lor \neg e_{4,6} \lor \neg e_{5,6} \lor$$

$$4639. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,6} \lor t_{e_{1,6},\, \neg e_{2,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{e_{1,6},\, \neg e_{2,6}}$$

$$4640. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\, e_{5,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg t_{e_{4,6},\, e_{5,6}} \lor \neg$$

$$4641. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{5,6} \lor t_{e_{1,6},\, \neg e_{2,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{e_{1,6},\, \neg e_{2,6}} \lor \neg e_{4,6}$$

$$4642. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,6},\, \neg e_{5,6}} \lor \neg e_{4,6} \lor \neg e_{5,6} \lor$$

$$4643. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,6} \lor t_{e_{1,6},\, e_{2,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor t_{e_{1,6},\, e_{2,6}}$$

$$4644. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\, e_{5,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg t_{e_{4,6},\, e_{5,6}} \lor \neg$$

$$4645. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{5,6} \lor t_{e_{1,6},\, e_{2,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg e_{4,6} \lor t_{e_{1,6},\, e_{2,6}}$$

4646.
$$\neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}}, e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \lor t_{e_{1,6}, e_{2,6}}$$

$$4647. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, \neg e_{5,6} \lor t_{e_{1,6},\, e_{2,6}} \vdash \neg t_{\neg e_{4,6},\, e_{5,6}} \lor \neg e_{4,6} \lor t_{e_{1,6},\, e_{2,6}}$$

$$4648. \ \, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\, e_{5,6}}, e_{3,6} \lor t_{e_{1,6},\, e_{2,6}} \lor t_{\neg e_{4,6},\, e_{5,6}} \vdash e_{5,6} \lor \neg e_{4,6} \lor e_{3,6} \lor t_{e_{1,6},\, e_{2,6}}$$

$$4649. \ e_{4,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{4,5} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{4,6}} \vdash \neg t_{\neg e_{4,5},\,\neg e_{4,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg e_{4,5}$$

4650.
$$e_{4,6} \lor t_{e_{1,6},e_{2,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4},\neg e_{2,4}} \vdash t_{e_{1,6},e_{2,6}} \lor t_{\neg e_{1,4},\neg e_{2,4}}$$

$$4651. \ e_{4,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4},\,\neg e_{2,4}} \vdash t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,4},\,\neg e_{2,4}}$$

$$4652. \ e_{4,6} \lor t_{e_{1,6},\,e_{2,6}}, e_{4,5} \lor \neg e_{4,6} \lor \neg t_{e_{4,5},\,\neg e_{4,6}} \vdash e_{4,5} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{4,5},\,\neg e_{4,6}}$$

4653.
$$e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4}, e_{2,4}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,4}, e_{2,4}}$$

$$4654. \ \ e_{4,6} \lor t_{e_{1,6},\,e_{2,6}}, e_{4,5} \lor \neg e_{4,6} \lor \neg t_{e_{4,5},\,\neg e_{4,6}} \vdash e_{4,5} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{4,5},\,\neg e_{4,6}}$$

$$4655. \ e_{4,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{4,5} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{4,6}} \vdash \neg t_{\neg e_{4,5},\,\neg e_{4,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg e_{4,5}$$

$$4656. \ \ e_{4,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4},\,e_{2,4}} \vdash t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,4},\,e_{2,4}}$$

4657.
$$e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,4}, \neg e_{2,4}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,4}, \neg e_{2,4}}$$

4658.
$$e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, e_{4,5} \lor \neg e_{4,6} \lor \neg t_{e_{4,5}, \neg e_{4,6}} \vdash e_{4,5} \lor t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{4,5}, \neg e_{4,6}}$$

$$4659. \ e_{4,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{4,5} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{4,6}} \vdash \neg t_{\neg e_{4,5},\,\neg e_{4,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg e_{4,5}$$

$$4660. \ \ e_{4,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,4},\,\neg e_{2,4}} \vdash t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,4},\,\neg e_{2,4}}$$

$$4661. \ e_{4,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{4,5} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{4,6}} \vdash \neg t_{\neg e_{4,5},\,\neg e_{4,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg e_{4,5}$$

4662.
$$e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,4}, e_{2,4}}$$

4663.
$$e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,4}, e_{2,4}}$$

$$4664. \ e_{4,6} \lor t_{e_{1,6},\,e_{2,6}}, e_{4,5} \lor \neg e_{4,6} \lor \neg t_{e_{4,5},\,\neg e_{4,6}} \vdash e_{4,5} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{4,5},\,\neg e_{4,6}}$$

$$4665. \ e_{4,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\,\neg e_{5,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\,\neg e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor t$$

4666.
$$e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$4667. \ e_{4,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\,e_{5,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\,e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}}$$

4668.
$$e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$4669. \ e_{4,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\,e_{5,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\,e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}}$$

4670.
$$e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

$$4671. \ e_{4,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\,\neg e_{5,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\,\neg e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}}$$

4672.
$$e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

$$4673. \ e_{4,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\,e_{5,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\,e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}}$$

4674.
$$e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, \neg e_{2,6}}$$

$$4675. \ e_{4,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\,\neg e_{5,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\,\neg e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor t$$

4676.
$$e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, \neg e_{2,6}}$$

4677.
$$e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash e_{4,6} \lor e_{1,6} \lor e_{2,6}$$

$$4678. \ e_{4,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\,\neg e_{5,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\,\neg e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}}$$

4679.
$$e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash e_{4,6} \lor e_{1,6} \lor e_{2,6}$$

4680.
$$e_{4,6} \lor t_{e_{1,6},e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,6},e_{2,6}} \vdash t_{e_{1,6},e_{2,6}}$$

4681.
$$e_{4,6} \lor t_{e_{1,6},\,e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}} \vdash e_{4,6} \lor e_{1,6} \lor e_{2,6}$$

$$4682. \ e_{4,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6},\,e_{5,6}} \vdash e_{5,6} \lor \neg t_{\neg e_{4,6},\,e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}}$$

4683.
$$e_{4,6} \lor t_{e_{1,6},\,e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}} \vdash e_{4,6} \lor e_{1,6} \lor e_{2,6}$$

4684.
$$e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}}$$

4685.
$$\neg e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,5}, \neg e_{2,5}}$$

4686.
$$\neg e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5}, e_{5,6}} \vdash \neg t_{e_{4,5}, e_{5,6}} \lor e_{4,5} \lor t_{e_{1,6}, e_{2,6}}$$

$$4687. \ \, \neg e_{5,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5},\,e_{5,6}} \vdash \neg t_{\neg e_{4,5},\,e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg e_{4,5}$$

4688.
$$\neg e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,5}, \neg e_{2,5}}$$

$$4689. \ \, \neg e_{5,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5},\,e_{5,6}} \vdash \neg t_{\neg e_{4,5},\,e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg e_{4,5}$$

4690.
$$\neg e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,5}, e_{2,5}}$$

4691.
$$\neg e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,5}, e_{2,5}}$$

4692.
$$\neg e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5}, e_{5,6}} \vdash \neg t_{e_{4,5}, e_{5,6}} \lor e_{4,5} \lor t_{e_{1,6}, e_{2,6}}$$

$$4693. \ \neg e_{5,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5},\,e_{5,6}} \vdash \neg t_{\neg e_{4,5},\,e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg e_{4,5}$$

4694.
$$\neg e_{5,6} \lor t_{e_{1,6},e_{2,6}}, e_{5,6} \lor t_{e_{1,5},\neg e_{2,5}} \vdash t_{e_{1,6},e_{2,6}} \lor t_{e_{1,5},\neg e_{2,5}}$$

4695.
$$\neg e_{5,6} \lor t_{e_{1,6},e_{2,6}}, e_{5,6} \lor t_{e_{1,5},\neg e_{2,5}} \vdash t_{e_{1,6},e_{2,6}} \lor t_{e_{1,5},\neg e_{2,5}}$$

4696.
$$\neg e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5}, e_{5,6}} \vdash \neg t_{e_{4,5}, e_{5,6}} \lor e_{4,5} \lor t_{e_{1,6}, e_{2,6}}$$

4697.
$$\neg e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, e_{5,6} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,5}, e_{2,5}}$$

4698.
$$\neg e_{5,6} \lor t_{e_{1,6},e_{2,6}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5},e_{5,6}} \vdash \neg t_{e_{4,5},e_{5,6}} \lor e_{4,5} \lor t_{e_{1,6},e_{2,6}}$$

$$4699. \ \, \neg e_{5,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5},\,e_{5,6}} \vdash \neg t_{\neg e_{4,5},\,e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg e_{4,5}$$

4700.
$$\neg e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, e_{5,6} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,5}, e_{2,5}}$$

4701.
$$\neg e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$4702. \ \, \neg e_{5,6} \lor t_{e_{1,6},\,e_{2,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}} \vdash e_{4,6} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{4,6},\,e_{5,6}}$$

4703.
$$\neg e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \vdash \neg t_{\neg e_{4,6}, e_{5,6}} \lor \neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}}$$

4704.
$$\neg e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

4705.
$$\neg e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \vdash \neg t_{\neg e_{4,6}, e_{5,6}} \lor \neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}}$$

$$4706. \ \, \neg e_{5,6} \lor t_{e_{1,6},\,e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,6},\,e_{2,6}} \vdash t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,6},\,e_{2,6}}$$

4707.
$$\neg e_{5,6} \lor t_{e_{1,6},e_{2,6}}, e_{5,6} \lor t_{\neg e_{1,6},e_{2,6}} \vdash t_{e_{1,6},e_{2,6}} \lor t_{\neg e_{1,6},e_{2,6}}$$

$$4708. \ \, \neg e_{5,6} \lor t_{e_{1,6},\,e_{2,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},\,e_{5,6}} \vdash e_{4,6} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{4,6},\,e_{5,6}}$$

4709.
$$\neg e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \vdash \neg t_{\neg e_{4,6}, e_{5,6}} \lor \neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}}$$

$$4710. \ \, \neg e_{5,6} \lor t_{e_{1,6},\,e_{2,6}}, e_{5,6} \lor t_{e_{1,6},\,\neg e_{2,6}} \vdash t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,6},\,\neg e_{2,6}}$$

4711.
$$\neg e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, \neg e_{2,6}}$$

4712.
$$\neg e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}} \vdash e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{4,6}, e_{5,6}}$$

4713.
$$\neg e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg e_{5,6} \lor e_{1,6} \lor e_{2,6}$$

4714.
$$\neg e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}}$$

4715.
$$\neg e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg e_{5,6} \lor e_{1,6} \lor e_{2,6}$$

4716.
$$\neg e_{5,6} \lor t_{e_{1,6},e_{2,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},e_{5,6}} \vdash e_{4,6} \lor t_{e_{1,6},e_{2,6}} \lor \neg t_{e_{4,6},e_{5,6}}$$

- 4717. $\neg e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg e_{5,6} \lor e_{1,6} \lor e_{2,6}$
- 4718. $\neg e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor e_{5,6} \lor \neg t_{\neg e_{4,6}, e_{5,6}} \vdash \neg t_{\neg e_{4,6}, e_{5,6}} \lor \neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}}$
- 4719. $\neg e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg e_{5,6} \lor e_{1,6} \lor e_{2,6}$
- 4720. $\neg e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}}$
- $4721. \ e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{4,6},\,e_{5,6}}, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5},\,\neg e_{3,6}} \vdash t_{\neg e_{4,6},\,e_{5,6}} \lor \neg t_{\neg e_{3,5},\,\neg e_{3,6}} \lor \neg e_{3,5} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{3,5},\,\neg e_{3,6}} \lor \neg t_{\neg e_{$
- $4722. \ e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{4,6},\,e_{5,6}}, \neg e_{3,6} \lor t_{\neg e_{1,3},\,\neg e_{2,3}} \vdash t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{4,6},\,e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{4,6},\,e_{5,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{4,6},\,e_{5,6$
- $4723. \ e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{4,6},\,e_{5,6}}, \neg e_{3,6} \lor t_{\neg e_{1,3},\,\neg e_{2,3}} \vdash t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{4,6},\,e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{4,6}, e_{5,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{4,6}, e_{5,6}, \neg e_{5,6},$
- $4724. \ e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{4,6},\,e_{5,6}}, e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5},\,\neg e_{3,6}} \vdash e_{3,5} \lor t_{\neg e_{4,6},\,e_{5,6}} \lor \neg t_{e_{3,5},\,\neg e_{3,6}} \lor t_{e_{1,6},\,e_{2,6}}, e_{3,6} \lor e_{3,6$
- $4725. \ e_{3,6} \lor t_{e_{1,6},e_{2,6}} \lor t_{\neg e_{4,6},e_{5,6}}, \neg e_{3,6} \lor t_{\neg e_{1,3},e_{2,3}} \vdash t_{\neg e_{4,6},e_{5,6}} \lor t_{\neg e_{1,3},e_{2,3}} \lor t_{e_{1,6},e_{2,6}}, \neg e_{3,6} \lor t_{\neg e_{1,6},e_{2,6}} \lor t_{\neg e_{1,6},e_{2,6}}, \neg e_{3,6} \lor t_{\neg e_{1,6},e_{2,6}} \lor t_{\neg e_{1,6},e_{2,6}} \lor t_{\neg e_{1,6},e_{2,6}}, \neg e_{3,6} \lor t_{\neg e_{1,6},e_{2,6}} \lor t_{\neg e_{1,6},e_{2,6}} \lor t_{\neg e_{1,6},e_{2,6}}, \neg e_{3,6} \lor t_{\neg e_{1,6},e_{2,6}} \lor t_{\neg e_$
- $4726. \ \ e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{4,6},\,e_{5,6}}, e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5},\,\neg e_{3,6}} \vdash e_{3,5} \lor t_{\neg e_{4,6},\,e_{5,6}} \lor \neg t_{e_{3,5},\,\neg e_{3,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{3,5},\,\neg e_{3,6}} \lor \tau_{e_{3,5},\,\neg e_$
- $4727. \ e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{4,6},\,e_{5,6}}, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5},\,\neg e_{3,6}} \vdash t_{\neg e_{4,6},\,e_{5,6}} \lor \neg t_{\neg e_{3,5},\,\neg e_{3,6}} \lor \neg e_{3,5} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{3,6} \lor \neg$
- $4728. \ e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{4,6},\,e_{5,6}}, \neg e_{3,6} \lor t_{\neg e_{1,3},\,e_{2,3}} \vdash t_{\neg e_{4,6},\,e_{5,6}} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{3,6} \lor t_{\neg e_{1,3},\,e_{2,3}} \lor t_{\neg e_{3,6},\,e_{3,6}}, \neg e_{3,6} \lor t_{\neg e_{3,6},\,e_{3,6}} \lor t_{\neg e_{3,6},\,e_{3,6}}, \neg e_{3,6} \lor t_{\neg e_{$
- $4729. \ e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{4,6},\,e_{5,6}}, \neg e_{3,6} \lor t_{e_{1,3},\,\neg e_{2,3}} \vdash t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{4,6},\,e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{4,6},\,e_{5,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,6},\,e_{2,6}},$
- $4730. \ e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{4,6},\,e_{5,6}}, e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5},\,\neg e_{3,6}} \vdash e_{3,5} \lor t_{\neg e_{4,6},\,e_{5,6}} \lor \neg t_{e_{3,5},\,\neg e_{3,6}} \lor t_{e_{1,6},\,e_{2,6}}, e_{3,6} \lor e_{3,6$
- $4731. \ e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{4,6},\,e_{5,6}}, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5},\,\neg e_{3,6}} \vdash t_{\neg e_{4,6},\,e_{5,6}} \lor \neg t_{\neg e_{3,5},\,\neg e_{3,6}} \lor \neg e_{3,5} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg e_{3,5} \lor \neg e_{3,6} \lor \neg$
- $4732. \ e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{4,6},\,e_{5,6}}, \neg e_{3,6} \lor t_{e_{1,3},\,\neg e_{2,3}} \vdash t_{e_{1,3},\,\neg e_{2,3}} \lor t_{\neg e_{4,6},\,e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{e_{2,6},\,e_{2,6}} \lor t_{e_{$
- $4733. \ e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{4,6},\,e_{5,6}}, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5},\,\neg e_{3,6}} \vdash t_{\neg e_{4,6},\,e_{5,6}} \lor \neg t_{\neg e_{3,5},\,\neg e_{3,6}} \lor \neg e_{3,5} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{3,6} \lor \neg$
- 4734. $e_{3,6} \lor t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}}, \neg e_{3,6} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{\neg e_{4,6}, e_{5,6}} \lor t_{e_{1,3}, e_{2,3}} \lor t_{e_{1,6}, e_{2,6}}$
- $4735. \ e_{3,6} \lor t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{4,6}, e_{5,6}}, \neg e_{3,6} \lor t_{e_{1,3}, e_{2,3}} \vdash t_{\neg e_{4,6}, e_{5,6}} \lor t_{e_{1,3}, e_{2,3}} \lor t_{e_{1,6}, e_{2,6}}$
- $4736. \ e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{4,6},\,e_{5,6}}, e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5},\,\neg e_{3,6}} \vdash e_{3,5} \lor t_{\neg e_{4,6},\,e_{5,6}} \lor \neg t_{e_{3,5},\,\neg e_{3,6}} \lor t_{e_{1,6},\,e_{2,6}}$
- $4737. \ e_{3,6} \lor t_{e_{1,6},e_{2,6}} \lor t_{\neg e_{4,6},e_{5,6}}, \neg e_{3,6} \lor t_{\neg e_{1,6},\neg e_{2,6}} \lor t_{\neg e_{4,6},\neg e_{5,6}} \vdash t_{\neg e_{4,6},e_{5,6}} \lor t_{\neg e_{4,6},\neg e_{5,6}} \lor t_{e_{1,6},e_{2,6}} \lor t_{\neg e_{1,6},\neg e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{4,6},\neg e_{5,6}} \lor t_{\neg e_{4,6},\neg$
- $4738. \ e_{3,6} \lor t_{e_{1,6},e_{2,6}} \lor t_{\neg e_{4,6},e_{5,6}}, \neg e_{3,6} \lor t_{\neg e_{1,6},\neg e_{2,6}} \lor t_{e_{4,6},e_{5,6}} \vdash t_{e_{4,6},e_{5,6}} \lor t_{\neg e_{4,6},e_{5,6}} \lor t_{e_{1,6},e_{2,6}} \lor t_{\neg e_{1,6},\neg e_{2,6}} \lor t_{\neg e_{1,6},\neg e_{2,6}} \lor t_{\neg e_{1,6},e_{2,6}} \lor t$
- $4739. \ \ e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{4,6},\,e_{5,6}}, \neg e_{3,6} \lor t_{\neg e_{1,6},\,e_{2,6}} \lor t_{\neg e_{4,6},\,e_{5,6}} \vdash t_{\neg e_{1,6},\,e_{2,6}} \lor t_{\neg e_{4,6},\,e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{e_{2,6},\,e_{2,6}} \lor t_{e_{2,6}} \lor t_{e_{2,6},\,e_{2,6}} \lor t_{e_{2,6},\,e_{2,6}} \lor t_{e_{2,6},$
- $4740. \ e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{4,6},\,e_{5,6}}, \neg e_{3,6} \lor t_{\neg e_{1,6},\,e_{2,6}} \lor t_{e_{4,6},\,\neg e_{5,6}} \vdash t_{\neg e_{1,6},\,e_{2,6}} \lor t_{\neg e_{4,6},\,e_{5,6}} \lor t_{e_{4,6},\,\neg e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{e_{4,6},\,e_{5,6}} \lor t_$
- $4741. \ e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{4,6},\,e_{5,6}}, \neg e_{3,6} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor t_{\neg e_{4,6},\,e_{5,6}} \vdash t_{\neg e_{4,6},\,e_{5,6}} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{e$
- $4742. \ e_{3,6} \lor t_{e_{1,6},e_{2,6}} \lor t_{\neg e_{4,6},e_{5,6}}, \neg e_{3,6} \lor t_{e_{1,6},\neg e_{2,6}} \lor t_{e_{4,6},\neg e_{5,6}} \vdash t_{\neg e_{4,6},e_{5,6}} \lor t_{e_{1,6},\neg e_{2,6}} \lor t_{e_{4,6},\neg e_{5,6}} \lor t_{e_{1,6},e_{2,6}}, \neg e_{4,6}, \neg$
- $4743. \ e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{4,6},\,e_{5,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}} \vdash t_{\neg e_{4,6},\,e_{5,6}} \lor e_{3,6} \lor e_{1,6} \lor e_{2,6}$

$$4744. \ e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{4,6},\,e_{5,6}}, \neg e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}} \vdash t_{\neg e_{4,6},\,e_{5,6}} \lor t_{\neg e_{4,6},\,\neg e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor t_$$

$$4745. \ e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{4,6},\,e_{5,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}} \vdash t_{\neg e_{4,6},\,e_{5,6}} \lor e_{3,6} \lor e_{1,6} \lor e_{2,6}$$

$$4746. \ e_{3,6} \lor t_{e_{1,6},e_{2,6}} \lor t_{\neg e_{4,6},e_{5,6}}, \neg e_{3,6} \lor t_{e_{1,6},e_{2,6}} \lor t_{e_{4,6},e_{5,6}} \vdash t_{e_{4,6},e_{5,6}} \lor t_{\neg e_{4,6},e_{5,6}} \lor t_{e_{1,6},e_{2,6}}$$

$$4747. \ \ e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{4,6},\,e_{5,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}} \vdash t_{\neg e_{4,6},\,e_{5,6}} \lor e_{3,6} \lor e_{1,6} \lor e_{2,6}$$

$$4748. \ e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{4,6},\,e_{5,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}} \vdash t_{\neg e_{4,6},\,e_{5,6}} \lor e_{3,6} \lor e_{1,6} \lor e_{2,6}$$

$$4749. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,2},\,e_{1,3}} \vdash t_{e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6}$$

$$4750. \ \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, \, e_{2,6}}, \neg e_{1,5} \lor \neg e_{1,6} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \vdash \neg t_{e_{1,6}, \, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \lor e_{2,6}$$

$$4751. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg e_{1,6} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

4752.
$$e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \lor \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,6}$$

$$4753. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg e_{1,6} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$4754. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

4755.
$$e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,6} \lor t_{e_{1,2}, \neg e_{1,3}}$$

$$4756. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, \neg e_{1,5} \lor \neg e_{1,6} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

$$4757. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, \, e_{2,6}}, e_{1,5} \lor \neg e_{1,6} \lor \neg t_{e_{1,5}, \, \neg e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,6}, \, e_{2,6}} \lor \neg t_{e_{1,5}, \, \neg e_{1,6}} \lor e_{2,6}$$

$$4758. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{1,6} \lor t_{\neg e_{1,2},\,e_{1,3}} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6}$$

$$4759. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{1,6} \lor t_{\neg e_{1,2},\,e_{1,3}} \vdash t_{\neg e_{1,2},\,e_{1,3}} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6}$$

$$4760. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, \neg e_{1,5} \lor \neg e_{1,6} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \neg e_{1,6}} \lor e_{2,6}$$

4761.
$$e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \lor e_{2,6}$$

$$4762. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, \, e_{2,6}}, \neg e_{1,5} \lor \neg e_{1,6} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \vdash \neg t_{e_{1,6}, \, e_{2,6}} \lor \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, \, \neg e_{1,6}} \lor e_{2,6}$$

$$4763. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor \neg e_{1,6} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,5},\,\neg e_{1,6}} \lor e_{2,6}$$

$$4764. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{1,6} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \lor e_{2,6}$$

$$4765. \ \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$4766. \ \ e_{1,6} \lor e_{2,6} \lor \lnot t_{e_{1,6},\,e_{2,6}}, \lnot e_{2,6} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \vdash \lnot t_{e_{1,6},\,e_{2,6}} \lor t_{\lnot e_{1,2},\,\lnot e_{2,3}} \lor e_{1,6}$$

$$4767. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \lor e_{1,6}$$

$$4768. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, \neg e_{2,6}} \lor e_{2,5} \lor$$

$$4769. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2},e_{2,3}} \vdash \neg t_{e_{1,6},e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2},e_{2,3}}$$

$$4770. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \lor e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \lor e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \lor e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \lor e_{2,5} \lor e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \lor e_{2,5} \lor e_{$$

$$4771. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$4772. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,2},\,e_{2,3}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6} \lor t_{\neg e_{1,2},\,e_{2,3}}$$

4773.
$$e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}} \lor e_{1,6}$$

$$4774. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \lor e_{2,5} \lor e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \lor e_{2,5} \lor e_{2$$

$$4775. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,\neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$4776. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2},\,\neg e_{2,3}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,\neg e_{2,3}} \lor e_{1,6}$$

$$4777. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, \, e_{2,6}}, \neg e_{2,5} \lor \neg e_{2,6} \lor \neg t_{\neg e_{2,5}, \, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, \, e_{2,6}} \lor \neg t_{\neg e_{2,5}, \, \neg e_{2,6}} \lor e_{1,6} \lor \neg e_{2,5}$$

$$4778. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2},\,e_{2,3}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,2},\,e_{2,3}} \lor e_{1,6}$$

4779.
$$e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, \neg e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, e_{2,3}} \lor e_{1,6}$$

$$4780. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, e_{2,5} \lor \neg e_{2,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,5} \lor e_{1,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \lor e_{2,5} \lor e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},\,\neg e_{2,6}} \lor e_{2,5} \lor e_{2$$

$$4781. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

$$4782. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,6},\,e_{2,6}} \vdash t_{\neg e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,6},\,e_{2,6}} \lor e_{1,6}$$

$$4783. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

$$4784. \ \ e_{1,6} \lor e_{2,6} \lor \lnot t_{e_{1,6},\,e_{2,6}}, \lnot e_{2,6} \lor t_{\lnot e_{1,6},\,e_{2,6}} \vdash t_{\lnot e_{1,6},\,e_{2,6}} \lor \lnot t_{e_{1,6},\,e_{2,6}} \lor e_{1,6}$$

$$4785. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\,e_{2,6}}$$

$$4786. \ \ e_{1,6} \lor e_{2,6} \lor \lnot t_{e_{1,6}, \, e_{2,6}}, \lnot e_{2,6} \lor t_{\lnot e_{1,6}, \, e_{2,6}} \vdash t_{\lnot e_{1,6}, \, e_{2,6}} \lor \lnot t_{e_{1,6}, \, e_{2,6}} \lor e_{1,6}$$

$$4787. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor e_{2,6} \lor \neg t_{\neg e_{1,6}, e_{2,6}}$$

4788.
$$e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, \neg e_{2,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,6}, e_{2,6}} \lor e_{1,6}$$

$$4789. \ \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor e_{1,6}$$

$$4790. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6},\,\neg e_{2,6}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor e_{2,6}$$

$$4791. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{1,6}, \neg e_{2,6}} \lor e_{1,6}$$

$$4792. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6},\,\neg e_{2,6}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor e_{2,6}$$

$$4793. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor e_{1,6}$$

$$4794. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{1,6} \lor t_{e_{1,6},\,\neg e_{2,6}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,6},\,\neg e_{2,6}} \lor e_{2,6}$$

$$4795. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \vdash \neg t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \lor e_{1,6}$$

$$4796. \ \ e_{1,6} \lor e_{2,6} \lor \lnot t_{e_{1,6},\,e_{2,6}}, \lnot e_{1,6} \lor t_{e_{1,6},\,\lnot e_{2,6}} \vdash \lnot t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,6},\,\lnot e_{2,6}} \lor e_{2,6}$$

4797.
$$e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, e_{4,6} \lor t_{e_{1,6},\,e_{2,6}} \vdash e_{4,6} \lor e_{1,6} \lor e_{2,6}$$

4798.
$$e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \vdash e_{5,6} \lor e_{1,6} \lor e_{2,6}$$

$$4799. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, \, e_{2,6}}, \neg e_{3,6} \lor t_{e_{1,6}, \, e_{2,6}} \lor t_{\neg e_{4,6}, \, \neg e_{5,6}} \vdash \neg e_{3,6} \lor t_{\neg e_{4,6}, \, \neg e_{5,6}} \lor e_{1,6} \lor e_{2,6}$$

4800.
$$e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \vdash \neg e_{4,6} \lor e_{1,6} \lor e_{2,6}$$

4801.
$$e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \vdash \neg e_{5,6} \lor e_{1,6} \lor e_{2,6}$$

$$4802. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, \neg e_{3,6} \lor t_{e_{1,6}, e_{2,6}} \lor t_{e_{4,6}, e_{5,6}} \vdash \neg e_{3,6} \lor t_{e_{4,6}, e_{5,6}} \lor e_{1,6} \lor e_{2,6}$$

4803.
$$e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \vdash e_{4,6} \lor e_{1,6} \lor e_{2,6}$$

4804.
$$e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,6},\,e_{2,6}} \vdash \neg e_{5,6} \lor e_{1,6} \lor e_{2,6}$$

$$4805. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{4,6},\,e_{5,6}} \vdash t_{\neg e_{4,6},\,e_{5,6}} \lor e_{3,6} \lor e_{1,6} \lor e_{2,6}$$

4806.
$$e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, \neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \vdash \neg e_{4,6} \lor e_{1,6} \lor e_{2,6}$$

4807.
$$e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}}, e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \vdash e_{5,6} \lor e_{1,6} \lor e_{2,6}$$

$$4808. \ e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}}, e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{e_{4,6},\,\neg e_{5,6}} \vdash t_{e_{4,6},\,\neg e_{5,6}} \lor e_{3,6} \lor e_{1,6} \lor e_{2,6}$$

$$4809. \ \, \neg e_{1,6} \lor t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor e_{1,6} \lor \neg t_{e_{1,5},\,e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,e_{1,6}} \lor t_{e_{1,6},\,e_{2,6}}$$

4810.
$$\neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, e_{1,3}}$$

4811.
$$\neg e_{1,6} \lor t_{e_{1,6},e_{2,6}}, e_{1,6} \lor t_{e_{1,2},e_{1,3}} \vdash t_{e_{1,6},e_{2,6}} \lor t_{e_{1,2},e_{1,3}}$$

$$4812. \ \, \neg e_{1,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor e_{1,6} \lor \neg t_{\neg e_{1,5},\,e_{1,6}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,e_{1,6}} \lor t_{e_{1,6},\,e_{2,6}}$$

4813.
$$\neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

4814.
$$\neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{1,5} \lor e_{1,6} \lor \neg t_{\neg e_{1,5}, e_{1,6}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5}, e_{1,6}} \lor t_{e_{1,6}, e_{2,6}}$$

4815.
$$\neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,5} \lor e_{1,6} \lor \neg t_{e_{1,5}, e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5}, e_{1,6}} \lor t_{e_{1,6}, e_{2,6}}$$

4816.
$$\neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{1,3}}$$

4817.
$$\neg e_{1,6} \lor t_{e_{1,6},\,e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,2},\,e_{1,3}} \vdash t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{1,3}}$$

4818.
$$\neg e_{1,6} \lor t_{e_{1,6},e_{2,6}}, \neg e_{1,5} \lor e_{1,6} \lor \neg t_{\neg e_{1,5},e_{1,6}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},e_{1,6}} \lor t_{e_{1,6},e_{2,6}}$$

$$4819. \ \, \neg e_{1,6} \lor t_{e_{1,6},\,e_{2,6}}, e_{1,5} \lor e_{1,6} \lor \neg t_{e_{1,5},\,e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5},\,e_{1,6}} \lor t_{e_{1,6},\,e_{2,6}}$$

$$4820. \ \, \neg e_{1,6} \lor t_{e_{1,6},\,e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,2},\,e_{1,3}} \vdash t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,e_{1,3}}$$

4821.
$$\neg e_{1,6} \lor t_{e_{1,6},e_{2,6}}, e_{1,5} \lor e_{1,6} \lor \neg t_{e_{1,5},e_{1,6}} \vdash e_{1,5} \lor \neg t_{e_{1,5},e_{1,6}} \lor t_{e_{1,6},e_{2,6}}$$

$$4822. \ \, \neg e_{1,6} \lor t_{e_{1,6},\,e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,2},\,\neg e_{1,3}} \vdash t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,2},\,\neg e_{1,3}}$$

4823.
$$\neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{1,3}}$$

$$4824. \ \, \neg e_{1,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{1,5} \lor e_{1,6} \lor \neg t_{\neg e_{1,5},\,e_{1,6}} \vdash \neg e_{1,5} \lor \neg t_{\neg e_{1,5},\,e_{1,6}} \lor t_{e_{1,6},\,e_{2,6}}$$

4825.
$$\neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

4826.
$$\neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

4827.
$$\neg e_{1,6} \lor t_{e_{1,6},e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6},\neg e_{2,6}} \vdash t_{e_{1,6},e_{2,6}} \lor t_{\neg e_{1,6},\neg e_{2,6}}$$

4828.
$$\neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

4829.
$$\neg e_{1,6} \lor t_{e_{1,6},e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6},e_{2,6}} \vdash t_{e_{1,6},e_{2,6}} \lor t_{\neg e_{1,6},e_{2,6}}$$

4830.
$$\neg e_{1,6} \lor t_{e_{1,6},e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6},e_{2,6}} \vdash t_{e_{1,6},e_{2,6}} \lor t_{\neg e_{1,6},e_{2,6}}$$

4831.
$$\neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

4832.
$$\neg e_{1,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

$$4833. \ \, \neg e_{1,6} \lor t_{e_{1,6},\,e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \vdash \neg t_{e_{1,6},\,\neg e_{2,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg e_{2,6}$$

$$4834. \ \, \neg e_{1,6} \lor t_{e_{1,6},\,e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \vdash \neg t_{e_{1,6},\,\neg e_{2,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg e_{2,6}$$

4835.
$$\neg e_{1,6} \lor t_{e_{1,6},e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6},\neg e_{2,6}} \vdash \neg t_{e_{1,6},\neg e_{2,6}} \lor t_{e_{1,6},e_{2,6}} \lor \neg e_{2,6}$$

$$4836. \ \, \neg e_{1,6} \lor t_{e_{1,6},\,e_{2,6}}, e_{1,6} \lor \neg e_{2,6} \lor \neg t_{e_{1,6},\,\neg e_{2,6}} \vdash \neg t_{e_{1,6},\,\neg e_{2,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg e_{2,6}$$

4837.
$$\neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

4838.
$$\neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg t_{e_{2,5}, e_{2,6}} \lor e_{2,5} \lor t_{e_{1,6}, e_{2,6}}$$

$$4839. \ \, \neg e_{2,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \vdash \neg e_{2,5} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}}$$

4840.
$$\neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, \neg e_{2,3}}$$

$$4841. \ \neg e_{2,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5},\,e_{2,6}} \vdash \neg e_{2,5} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{2,5},\,e_{2,6}}$$

4842.
$$\neg e_{2,6} \lor t_{e_{1,6},e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2},e_{2,3}} \vdash t_{e_{1,6},e_{2,6}} \lor t_{\neg e_{1,2},e_{2,3}}$$

4843.
$$\neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,2}, e_{2,3}}$$

4844.
$$\neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg t_{e_{2,5}, e_{2,6}} \lor e_{2,5} \lor t_{e_{1,6}, e_{2,6}}$$

4845.
$$\neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash \neg e_{2,5} \lor t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, e_{2,6}}$$

4846.
$$\neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

4847.
$$\neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, \neg e_{2,3}}$$

4848.
$$\neg e_{2,6} \lor t_{e_{1,6},e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5},e_{2,6}} \vdash \neg t_{e_{2,5},e_{2,6}} \lor e_{2,5} \lor t_{e_{1,6},e_{2,6}}$$

4849.
$$\neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}$$

4850.
$$\neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}}, e_{2,5} \lor e_{2,6} \lor \neg t_{e_{2,5}, e_{2,6}} \vdash \neg t_{e_{2,5}, e_{2,6}} \lor e_{2,5} \lor t_{e_{1,6}, e_{2,6}}$$

4851.
$$\neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{2,5} \lor e_{2,6} \lor \neg t_{\neg e_{2,5}, e_{2,6}} \vdash \neg e_{2,5} \lor t_{e_{1,6}, e_{2,6}} \lor \neg t_{\neg e_{2,5}, e_{2,6}}$$

4852.
$$\neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,2}, e_{2,3}}$$

$$4853. \ \, \neg e_{2,6} \lor t_{e_{1,6},\,e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,6},\,\neg e_{2,6}} \vdash t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,6},\,\neg e_{2,6}}$$

4854.
$$\neg e_{2,6} \lor t_{e_{1,6},e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,6},\neg e_{2,6}} \vdash t_{e_{1,6},e_{2,6}} \lor t_{\neg e_{1,6},\neg e_{2,6}}$$

4855.
$$\neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

4856.
$$\neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$4857. \ \, \neg e_{2,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}}$$

$$4858. \ \, \neg e_{2,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}}$$

$$4859. \ \, \neg e_{2,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}}$$

$$4860. \ \, \neg e_{2,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{1,6} \lor e_{2,6} \lor \neg t_{\neg e_{1,6},\,e_{2,6}} \vdash \neg e_{1,6} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg t_{\neg e_{1,6},\,e_{2,6}}$$

4861.
$$\neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, \neg e_{2,6}}$$

$$4862. \ \, \neg e_{2,6} \lor t_{e_{1,6},\,e_{2,6}}, e_{2,6} \lor t_{e_{1,6},\,\neg e_{2,6}} \vdash t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,6},\,\neg e_{2,6}}$$

4863.
$$\neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, \neg e_{2,6}}$$

4864.
$$\neg e_{2,6} \lor t_{e_{1,6}, e_{2,6}}, e_{2,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, \neg e_{2,6}}$$

$$4865. \ \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, \lnot e_{4,5} \lor \lnot e_{4,6} \lor \lnot t_{\lnot e_{4,5}, \lnot e_{4,6}} \vdash \lnot e_{5,6} \lor \lnot t_{\lnot e_{4,5}, \lnot e_{4,6}} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}} \lor \lnot e_{4,5}, \lnot e_{4,6} \lor \lnot e_{4,6}, \lnot e_{5,6} \lor e_{5,6} \lor \lnot e_{5,6} \lor e_{5,$$

$$4866. \ \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, \lnot e_{4,6} \lor t_{\lnot e_{1,4}, \lnot e_{2,4}} \vdash \lnot t_{e_{4,6}, \lnot e_{5,6}} \lor \lnot e_{5,6} \lor t_{\lnot e_{1,4}, \lnot e_{2,4}}$$

$$4867. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \vdash \neg t_{e_{4,6}, \neg e_{5,6}} \lor \neg e_{5,6} \lor t_{\neg e_{1,4}, \neg e_{2,4}}$$

$$4868. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{4,5} \lor \neg e_{4,6} \lor \neg t_{e_{4,5}, \neg e_{4,6}} \vdash \neg e_{5,6} \lor e_{4,5} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor \neg t_{e_{4,5}, \neg e_{4,6}} \lor \neg t_{e_{4,6}, \neg e_{4,6}} \lor$$

$$4869. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6},\, \neg e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4},\, e_{2,4}} \vdash \neg e_{5,6} \lor t_{\neg e_{1,4},\, e_{2,4}} \lor \neg t_{e_{4,6},\, \neg e_{5,6}}$$

$$4870. \ \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{4,5} \lor \neg e_{4,6} \lor \neg t_{e_{4,5}, \neg e_{4,6}} \vdash \neg e_{5,6} \lor e_{4,5} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor \neg t_{e_{4,5}, \neg e_{4,6}} \lor \neg t_{e_{4,6}, \neg e_{4,6}}$$

$$4871. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{4,5} \lor \neg e_{4,5} \lor \neg t_{\neg e_{4,5}, \neg e_{4,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,5}, \neg e_{4,6}} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor \neg e_{4,5}$$

$$4872. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,4}, e_{2,4}} \vdash \neg e_{5,6} \lor t_{\neg e_{1,4}, e_{2,4}} \lor \neg t_{e_{4,6}, \neg e_{5,6}}$$

$$4873. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{4,6} \lor t_{e_{1,4}, \neg e_{2,4}} \vdash \neg e_{5,6} \lor t_{e_{1,4}, \neg e_{2,4}} \lor \neg t_{e_{4,6}, \neg e_{5,6}}$$

$$4874. \ \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{4,5} \lor \neg e_{4,6} \lor \neg t_{e_{4,5}, \neg e_{4,6}} \vdash \neg e_{5,6} \lor e_{4,5} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor \neg t_{e_{4,5}, \neg e_{4,6}} \lor \neg t_{e_{4,6}, \neg e_{4,6}}$$

$$4875. \ \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{4,5} \lor \neg e_{4,5} \lor \neg t_{\neg e_{4,5}, \neg e_{4,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,5}, \neg e_{4,6}} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor \neg e_{4,5}$$

$$4876. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}}, \neg e_{5,6}, \neg e_{4,6} \lor t_{e_{1,4}}, \neg e_{2,4} \vdash \neg e_{5,6} \lor t_{e_{1,4}}, \neg e_{2,4} \lor \neg t_{e_{4,6}}, \neg e_{5,6}$$

$$4877. \ \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{4,5} \lor \neg e_{4,6} \lor \neg t_{\neg e_{4,5}, \neg e_{4,6}} \vdash \neg e_{5,6} \lor \neg t_{\neg e_{4,5}, \neg e_{4,6}} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor \neg e_{4,5}$$

$$4878. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \vdash \neg e_{5,6} \lor t_{e_{1,4}, e_{2,4}} \lor \neg t_{e_{4,6}, \neg e_{5,6}}$$

4879.
$$e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \vdash \neg e_{5,6} \lor t_{e_{1,4}, e_{2,4}} \lor \neg t_{e_{4,6}, \neg e_{5,6}}$$

$$4880. \ \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, e_{4,5} \lor \lnot e_{4,6} \lor \lnot t_{e_{4,5}, \lnot e_{4,6}} \vdash \lnot e_{5,6} \lor e_{4,5} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}} \lor \lnot t_{e_{4,5}, \lnot e_{4,6}} \lor \lnot t_{e_{4,6}, \lnot e_{4,6}} \lor t_{e_{4,6}, \lnot e_$$

$$4881. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash e_{4,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}}, e_{5,6}$$

$$4882. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \, \neg e_{5,6}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5}, \, e_{5,6}} \vdash e_{4,6} \lor e_{4,5} \lor \neg t_{e_{4,5}, \, e_{5,6}} \lor \neg t_{e_{4,6}, \, \neg e_{5,6}} \lor \neg t_{e_$$

$$4883. \ \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, \lnot e_{4,5} \lor e_{5,6} \lor \lnot t_{\lnot e_{4,5}, e_{5,6}} \vdash \lnot t_{\lnot e_{4,5}, e_{5,6}} \lor e_{4,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}} \lor \lnot e_{4,5} \lor \lnot e_{4,5}, e_{5,6} \lor \lnot e_{4,6}, e_{5,6} \lor e_{5,6} \lor \lnot e_{4,6}, e_{5,6} \lor e_{5,6} \lor$$

$$4884. \ \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, e_{5,6} \lor t_{\lnot e_{1,5}, \lnot e_{2,5}} \vdash e_{4,6} \lor t_{\lnot e_{1,5}, \lnot e_{2,5}} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, e_{5,6} \lor t_{\lnot e_{1,5}, \lnot e_{2,5}} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, e_{5,6} \lor t_{\lnot e_{1,5}, \lnot e_{2,5}} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, e_{5,6} \lor t_{\lnot e_{1,5}, \lnot e_{2,5}} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, e_{5,6} \lor t_{\lnot e_{1,5}, \lnot e_{2,5}} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, e_{5,6} \lor t_{\lnot e_{1,5}, \lnot e_{2,5}} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, e_{5,6} \lor t_{\lnot e_{1,5}, \lnot e_{2,5}}, e_{5,6} \lor t_{\lnot e_{1,5},$$

$$4885. \ \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6},\lnot e_{5,6}}, \lnot e_{4,5} \lor e_{5,6} \lor \lnot t_{\lnot e_{4,5}, e_{5,6}} \vdash \lnot t_{\lnot e_{4,5}, e_{5,6}} \lor e_{4,6} \lor \lnot t_{e_{4,6},\lnot e_{5,6}} \lor \lnot e_{4,5} \lor \lnot e_{4,5}, e_{5,6} \lor \lnot e_{4,6}, \lnot e_{5,6} \lor \lnot e_{5,6}, e_{5,6} \lor e_{5,6} \lor e_{5,6}, e_{5,6} \lor e_{5,6}, e_{5,6} \lor e_{5,6}, e_{5,6} \lor e_{5,6}, e_{5,6} \lor e_{5,6} \lor e_{5,6}, e_{5,6} \lor e_{5,6} \lor e_{5,6}, e_{5,6} \lor e_{5,6} \lor e_{5,6} \lor e_{5,6}, e_{5,6} \lor e_{5$$

$$4886. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash e_{4,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,5}, e_{2,5}}$$

$$4887. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash e_{4,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,5}, e_{2,5}}$$

$$4888. \ \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, e_{4,5} \lor e_{5,6} \lor \lnot t_{e_{4,5}, e_{5,6}} \vdash e_{4,6} \lor e_{4,5} \lor \lnot t_{e_{4,5}, e_{5,6}} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}} \lor t_{e_{4,6}, \lnot e_$$

$$4889. \ \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6},\lnot e_{5,6}}, \lnot e_{4,5} \lor e_{5,6} \lor \lnot t_{\lnot e_{4,5}, e_{5,6}} \vdash \lnot t_{\lnot e_{4,5}, e_{5,6}} \lor e_{4,6} \lor \lnot t_{e_{4,6},\lnot e_{5,6}} \lor \lnot e_{4,5}$$

$$4890. \ \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor e_{4,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{e_{1,5}, \neg e_{2,5}} \lor e_{4,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{e_{5,6}, \neg e_{5,6}} \lor t_{e_{5,6$$

4891.
$$e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,5}, \neg e_{2,5}} \lor e_{4,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}$$

$$4892. \ \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, e_{4,5} \lor e_{5,6} \lor \lnot t_{e_{4,5}, e_{5,6}} \vdash e_{4,6} \lor e_{4,5} \lor \lnot t_{e_{4,5}, e_{5,6}} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}} \lor \lnot t_{e$$

$$4893. \ \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, e_{5,6} \lor t_{e_{1,5}, e_{2,5}} \vdash e_{4,6} \lor t_{e_{1,5}, e_{2,5}} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}$$

$$4894. \ \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{4,5} \lor e_{5,6} \lor \neg t_{e_{4,5}, e_{5,6}} \vdash e_{4,6} \lor e_{4,5} \lor \neg t_{e_{4,5}, e_{5,6}} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor \neg t_{e$$

$$4895. \ \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{4,5} \lor e_{5,6} \lor \neg t_{\neg e_{4,5}, e_{5,6}} \vdash \neg t_{\neg e_{4,5}, e_{5,6}} \lor e_{4,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor \neg e_{4,5}$$

$$4896. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{e_{1,5}, e_{2,5}} \vdash e_{4,6} \lor t_{e_{1,5}, e_{2,5}} \lor \neg t_{e_{4,6}, \neg e_{5,6}}$$

$$4897. \ \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \vdash \neg t_{e_{4,6}, \neg e_{5,6}} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg t_{\neg e_$$

$$4898. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash e_{4,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$4899. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}} \vdash e_{4,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor \neg t_{e_{4,6}, e_{5,6}} \lor \neg t_{e$$

$$4900. \ \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$4901. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$4902. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash e_{4,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$4903. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \vdash \neg e_{5,6} \lor e_{4,6} \lor e_{3,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \lor t_{\neg e_{3,6}} \lor$$

$$4904. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{4,6}, \neg e_{5,6}}$$

$$4905. \ \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, e_{5,6} \lor t_{\lnot e_{1,6}, e_{2,6}} \vdash e_{4,6} \lor t_{\lnot e_{1,6}, e_{2,6}} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}$$

$$4906. \ \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{3,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor t_{e_{4,6}, \neg e_{5,6}} \vdash \neg e_{3,6} \lor \neg e_{5,6} \lor e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}}$$

$$4907. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \vdash \neg t_{e_{4,6}, \neg e_{5,6}} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg t_{\neg e_{4$$

$$4908. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{4,6}, \neg e_{5,6}}$$

$$4909. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}} \vdash e_{4,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor \neg t_{e_{4,6}, e_{5,6}} \lor \neg t_{e$$

4910.
$$e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}}, \neg e_{5,6}, \neg e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \lor \neg t_{e_{4,6}, \neg e_{5,6}}$$

$$4911. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash \neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{4,6}, \neg e_{5,6}}$$

$$4912. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{4,6}, \neg e_{5,6}}$$

$$4913. \ \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, \lnot e_{3,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{e_{4,6}, \lnot e_{5,6}} \vdash \lnot e_{3,6} \lor \lnot e_{5,6} \lor e_{4,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor t_{e_{4,6}, \lnot e_{5,6}} \lor e_{4,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor e_{4,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor e_{4,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor e_{4,6} \lor e_{4,$$

$$4914. \ \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \vdash \neg t_{e_{4,6}, \neg e_{5,6}} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg t_{\neg e_$$

$$4915. \ \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, e_{5,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \vdash e_{4,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, e_{5,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, e_{5,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, e_{5,6} \lor t_{e_{1,6}, \lnot e_{2,6}} \lor \lnot t_{e_{1,6}, \lnot e_{2,6}}, e_{5,6} \lor t_{e_{1,6}, \lnot e_{2,6}}, e_{5,6}$$

$$4916. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}} \vdash e_{4,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor \neg t_{e_{4,6}, e_{5,6}}$$

$$4917. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash \neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \lor \neg t_{e_{4,6}, \neg e_{5,6}}$$

$$4918. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \vdash \neg t_{e_{4,6}, \neg e_{5,6}} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6}, \neg e_{5,6}} \lor \neg t_{\neg e_{4$$

4919.
$$e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \vdash e_{4,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor t_{e_{1,6}, e_{2,6}}$$

$$4920. \ \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, e_{4,6} \lor e_{5,6} \lor \lnot t_{e_{4,6}, e_{5,6}} \vdash e_{4,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}} \lor \lnot t_{e_{4,6}, e_{5,6}} \lor t_{e_{4,6}, e_$$

$$4921. \ \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}}, \lnot e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \vdash \lnot e_{5,6} \lor \lnot t_{e_{4,6}, \lnot e_{5,6}} \lor t_{e_{1,6}, e_{2,6}}$$

$$4922. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, \neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \vdash \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor t_{e_{1,6}, e_{2,6}}$$

$$4923. \ e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}}, e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \vdash e_{4,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor t_{e_{1,6}, e_{2,6}}$$

$$4924. \ \ e_{4,6} \lor \lnot e_{5,6} \lor \lnot t_{e_{4,6},\lnot e_{5,6}}, e_{3,6} \lor t_{e_{1,6},e_{2,6}} \lor t_{e_{4,6},\lnot e_{5,6}} \vdash \lnot e_{5,6} \lor e_{4,6} \lor e_{3,6} \lor t_{e_{1,6},e_{2,6}} \lor e_{4,6} \lor e_{4,6} \lor e_{3,6} \lor e_{4,6} \lor e_{4,6}$$

$$4925. \ \, \neg e_{4,6} \vee t_{e_{1,6},\,e_{2,6}}, e_{4,6} \vee t_{\neg e_{1,4},\,\neg e_{2,4}} \vdash t_{e_{1,6},\,e_{2,6}} \vee t_{\neg e_{1,4},\,\neg e_{2,4}}$$

4926.
$$\neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5}, e_{4,6}} \vdash e_{4,5} \lor \neg t_{e_{4,5}, e_{4,6}} \lor t_{e_{1,6}, e_{2,6}}$$

$$4927. \ \, \neg e_{4,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5},\,e_{4,6}} \vdash \neg t_{\neg e_{4,5},\,e_{4,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg e_{4,5}$$

4928.
$$\neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,4}, \neg e_{2,4}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,4}, \neg e_{2,4}}$$

$$4929. \ \, \neg e_{4,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5},\,e_{4,6}} \vdash \neg t_{\neg e_{4,5},\,e_{4,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg e_{4,5}$$

4930.
$$\neg e_{4,6} \lor t_{e_{1,6},\,e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,4},\,e_{2,4}} \vdash t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,4},\,e_{2,4}}$$

4931.
$$\neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,4}, e_{2,4}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,4}, e_{2,4}}$$

4932.
$$\neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5}, e_{4,6}} \vdash e_{4,5} \lor \neg t_{e_{4,5}, e_{4,6}} \lor t_{e_{1,6}, e_{2,6}}$$

$$4933. \ \, \neg e_{4,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5},\,e_{4,6}} \vdash \neg t_{\neg e_{4,5},\,e_{4,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg e_{4,5}$$

4934.
$$\neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, e_{4,6} \lor t_{e_{1,4}, \neg e_{2,4}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,4}, \neg e_{2,4}}$$

$$4935. \ \, \neg e_{4,6} \lor t_{e_{1,6},\,e_{2,6}}, e_{4,6} \lor t_{e_{1,4},\,\neg e_{2,4}} \vdash t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,4},\,\neg e_{2,4}}$$

4936.
$$\neg e_{4,6} \lor t_{e_{1,6},e_{2,6}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5},e_{4,6}} \vdash e_{4,5} \lor \neg t_{e_{4,5},e_{4,6}} \lor t_{e_{1,6},e_{2,6}}$$

4937.
$$\neg e_{4,6} \lor t_{e_{1,6},e_{2,6}}, e_{4,6} \lor t_{e_{1,4},e_{2,4}} \vdash t_{e_{1,6},e_{2,6}} \lor t_{e_{1,4},e_{2,4}}$$

4938.
$$\neg e_{4,6} \lor t_{e_{1,6},e_{2,6}}, e_{4,5} \lor e_{4,6} \lor \neg t_{e_{4,5},e_{4,6}} \vdash e_{4,5} \lor \neg t_{e_{4,5},e_{4,6}} \lor t_{e_{1,6},e_{2,6}}$$

$$4939. \ \, \neg e_{4,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{4,5} \lor e_{4,6} \lor \neg t_{\neg e_{4,5},\,e_{4,6}} \vdash \neg t_{\neg e_{4,5},\,e_{4,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg e_{4,5}$$

4940.
$$\neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, e_{4,6} \lor t_{e_{1,4}, e_{2,4}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,4}, e_{2,4}}$$

4941.
$$\neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

4942.
$$\neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}} \vdash e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{4,6}, e_{5,6}}$$

4943.
$$\neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

4944.
$$\neg e_{4,6} \lor t_{e_{1,6},e_{2,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6},\neg e_{5,6}} \vdash \neg e_{5,6} \lor \neg t_{e_{4,6},\neg e_{5,6}} \lor t_{e_{1,6},e_{2,6}}$$

4945.
$$\neg e_{4,6} \lor t_{e_{1,6},e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,6},e_{2,6}} \vdash t_{e_{1,6},e_{2,6}} \lor t_{\neg e_{1,6},e_{2,6}}$$

$$4946. \ \neg e_{4,6} \lor t_{e_{1,6},\,e_{2,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6},\,\neg e_{5,6}} \vdash \neg e_{5,6} \lor \neg t_{e_{4,6},\,\neg e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}}$$

4947.
$$\neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, e_{4,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

4948.
$$\neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}} \vdash e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{4,6}, e_{5,6}}$$

4949.
$$\neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, \neg e_{2,6}}$$

$$4950. \ \neg e_{4,6} \lor t_{e_{1,6},\,e_{2,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6},\,\neg e_{5,6}} \vdash \neg e_{5,6} \lor \neg t_{e_{4,6},\,\neg e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}}$$

4951.
$$\neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, e_{4,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, \neg e_{2,6}}$$

4952.
$$\neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6}, e_{5,6}} \vdash e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \lor \neg t_{e_{4,6}, e_{5,6}}$$

4953.
$$\neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg e_{4,6} \lor e_{1,6} \lor e_{2,6}$$

4954.
$$\neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}}$$

4955.
$$\neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg e_{4,6} \lor e_{1,6} \lor e_{2,6}$$

4956.
$$\neg e_{4,6} \lor t_{e_{1,6},e_{2,6}}, e_{4,6} \lor e_{5,6} \lor \neg t_{e_{4,6},e_{5,6}} \vdash e_{5,6} \lor t_{e_{1,6},e_{2,6}} \lor \neg t_{e_{4,6},e_{5,6}}$$

4957.
$$\neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg e_{4,6} \lor e_{1,6} \lor e_{2,6}$$

4958.
$$\neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, e_{4,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}}$$

4959.
$$\neg e_{4,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash \neg e_{4,6} \lor e_{1,6} \lor e_{2,6}$$

4960.
$$\neg e_{4,6} \lor t_{e_{1,6},\,e_{2,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6},\,\neg e_{5,6}} \vdash \neg e_{5,6} \lor \neg t_{e_{4,6},\,\neg e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}}$$

$$4961. \ e_{5,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{4,5} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{5,6}} \vdash \neg t_{\neg e_{4,5},\,\neg e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg e_{4,5}$$

4962.
$$e_{5,6} \lor t_{e_{1,6},e_{2,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5},\neg e_{2,5}} \vdash t_{e_{1,6},e_{2,6}} \lor t_{\neg e_{1,5},\neg e_{2,5}}$$

4963.
$$e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,5}, \neg e_{2,5}}$$

4964.
$$e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}} \vdash \neg t_{e_{4,5}, \neg e_{5,6}} \lor e_{4,5} \lor t_{e_{1,6}, e_{2,6}}$$

4965.
$$e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5}, e_{2,5}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,5}, e_{2,5}}$$

4966.
$$e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}} \vdash \neg t_{e_{4,5}, \neg e_{5,6}} \lor e_{4,5} \lor t_{e_{1,6}, e_{2,6}}$$

$$4967. \ e_{5,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{4,5} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{5,6}} \vdash \neg t_{\neg e_{4,5},\,\neg e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg e_{4,5}$$

4968.
$$e_{5,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{5,6} \lor t_{\neg e_{1,5},\,e_{2,5}} \vdash t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,5},\,e_{2,5}}$$

4969.
$$e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,5}, \neg e_{2,5}}$$

$$4970. \ e_{5,6} \lor t_{e_{1,6},\,e_{2,6}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5},\,\neg e_{5,6}} \vdash \neg t_{e_{4,5},\,\neg e_{5,6}} \lor e_{4,5} \lor t_{e_{1,6},\,e_{2,6}}$$

$$4971. \ e_{5,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{4,5} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{5,6}} \vdash \neg t_{\neg e_{4,5},\,\neg e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg e_{4,5}$$

$$4972. \ e_{5,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,5},\,\neg e_{2,5}} \vdash t_{e_{1,6},\,e_{2,6}} \lor t_{e_{1,5},\,\neg e_{2,5}}$$

$$4973. \ e_{5,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{4,5} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,5},\,\neg e_{5,6}} \vdash \neg t_{\neg e_{4,5},\,\neg e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg e_{4,5}$$

4974.
$$e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,5}, e_{2,5}}$$

4975.
$$e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,5}, e_{2,5}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,5}, e_{2,5}}$$

$$4976. \ e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, e_{4,5} \lor \neg e_{5,6} \lor \neg t_{e_{4,5}, \neg e_{5,6}} \vdash \neg t_{e_{4,5}, \neg e_{5,6}} \lor e_{4,5} \lor t_{e_{1,6}, e_{2,6}}$$

$$4977. \ e_{5,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\,\neg e_{5,6}} \vdash \neg e_{4,6} \lor \neg t_{\neg e_{4,6},\,\neg e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}}$$

4978.
$$e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, \neg e_{2,6}}$$

$$4979. \ e_{5,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6},\,\neg e_{2,6}} \vdash t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,6},\,\neg e_{2,6}}$$

4980.
$$e_{5,6} \lor t_{e_{1,6},e_{2,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6},\neg e_{5,6}} \vdash e_{4,6} \lor \neg t_{e_{4,6},\neg e_{5,6}} \lor t_{e_{1,6},e_{2,6}}$$

4981.
$$e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{\neg e_{1,6}, e_{2,6}}$$

4982.
$$e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \vdash e_{4,6} \lor \neg t_{e_{4,6}, \neg e_{5,6}} \lor t_{e_{1,6}, e_{2,6}}$$

4983.
$$e_{5,6} \lor t_{e_{1,6},e_{2,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\neg e_{5,6}} \vdash \neg e_{4,6} \lor \neg t_{\neg e_{4,6},\neg e_{5,6}} \lor t_{e_{1,6},e_{2,6}}$$

$$4984. \ e_{5,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{5,6} \lor t_{\neg e_{1,6},\,e_{2,6}} \vdash t_{e_{1,6},\,e_{2,6}} \lor t_{\neg e_{1,6},\,e_{2,6}}$$

4985.
$$e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, \neg e_{2,6}}$$

$$4986. \ e_{5,6} \lor t_{e_{1,6},\,e_{2,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6},\,\neg e_{5,6}} \vdash e_{4,6} \lor \neg t_{e_{4,6},\,\neg e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}}$$

$$4987. \ e_{5,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\,\neg e_{5,6}} \vdash \neg e_{4,6} \lor \neg t_{\neg e_{4,6},\,\neg e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor t$$

4988.
$$e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \lor t_{e_{1,6}, \neg e_{2,6}}$$

4989.
$$e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash e_{5,6} \lor e_{1,6} \lor e_{2,6}$$

$$4990. \ e_{5,6} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{4,6} \lor \neg e_{5,6} \lor \neg t_{\neg e_{4,6},\,\neg e_{5,6}} \vdash \neg e_{4,6} \lor \neg t_{\neg e_{4,6},\,\neg e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor t$$

4991.
$$e_{5,6} \lor t_{e_{1,6},\,e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6},\,e_{2,6}} \vdash e_{5,6} \lor e_{1,6} \lor e_{2,6}$$

4992.
$$e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}}$$

4993.
$$e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash e_{5,6} \lor e_{1,6} \lor e_{2,6}$$

4994.
$$e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, \neg e_{5,6} \lor t_{e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}}$$

4995.
$$e_{5,6} \lor t_{e_{1,6}, e_{2,6}}, e_{1,6} \lor e_{2,6} \lor \neg t_{e_{1,6}, e_{2,6}} \vdash e_{5,6} \lor e_{1,6} \lor e_{2,6}$$

$$4996. \ e_{5,6} \lor t_{e_{1,6},\,e_{2,6}}, e_{4,6} \lor \neg e_{5,6} \lor \neg t_{e_{4,6},\,\neg e_{5,6}} \vdash e_{4,6} \lor \neg t_{e_{4,6},\,\neg e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}}$$

$$4997. \ e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{e_{4,6},\,\neg e_{5,6}}, \neg e_{3,5} \lor \neg e_{3,6} \lor \neg t_{\neg e_{3,5},\,\neg e_{3,6}} \vdash \neg t_{\neg e_{3,5},\,\neg e_{3,6}} \lor t_{e_{4,6},\,\neg e_{5,6}} \lor \neg e_{3,5} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{3,6} \lor \neg$$

$$4998. \ e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{e_{4,6},\,\neg e_{5,6}}, \neg e_{3,6} \lor t_{\neg e_{1,3},\,\neg e_{2,3}} \vdash t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{e_{4,6},\,\neg e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{4,6}, \neg e_{4,$$

$$4999. \ e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{e_{4,6},\,\neg e_{5,6}}, \neg e_{3,6} \lor t_{\neg e_{1,3},\,\neg e_{2,3}} \vdash t_{\neg e_{1,3},\,\neg e_{2,3}} \lor t_{e_{4,6},\,\neg e_{5,6}} \lor t_{e_{1,6},\,e_{2,6}}, \neg e_{5,6} \lor t_{e_{5,6},\,e_{5,6}} \lor t_{e_{5,6},\,e_{5,6}}, \neg e_{5,6} \lor t_{e_{5,6},\,e_{5,6}}, \neg e_{5,$$

$$5000. \ e_{3,6} \lor t_{e_{1,6},\,e_{2,6}} \lor t_{e_{4,6},\,\neg e_{5,6}}, e_{3,5} \lor \neg e_{3,6} \lor \neg t_{e_{3,5},\,\neg e_{3,6}} \vdash e_{3,5} \lor t_{e_{4,6},\,\neg e_{5,6}} \lor \neg t_{e_{3,5},\,\neg e_{3,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{3,5},\,\neg e_{3,6}} \lor t_{e_{1,6},\,e_{2,6}} \lor \neg t_{e_{3,5},\,\neg e_{3,6}} \lor \neg t_{e_{3,5},$$