

Домашнее задание по Математической логике №5

Приложение 2. Метод резолюций

Часть 2. 5001 – 10000

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1. $e_{1,2} \vee t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \vee e_{1,3} \vee \neg t_{\neg e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \vee \neg t_{\neg e_{1,2}, e_{1,3}} \vee e_{1,3}$
2. $e_{1,2} \vee t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \vee e_{1,3} \vee \neg t_{\neg e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \vee \neg t_{\neg e_{1,2}, e_{1,3}} \vee e_{1,3}$
3. $e_{1,2} \vee t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \vee e_{1,3} \vee \neg t_{\neg e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \vee \neg t_{\neg e_{1,2}, e_{1,3}} \vee e_{1,3}$
4. $e_{1,2} \vee t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \vee e_{1,3} \vee \neg t_{\neg e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \vee \neg t_{\neg e_{1,2}, e_{1,3}} \vee e_{1,3}$
5. $e_{1,2} \vee t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \vee \neg e_{1,3} \vee \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,3} \vee \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vee t_{\neg e_{1,2}, \neg e_{2,3}}$
6. $e_{1,2} \vee t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \vee \neg e_{1,3} \vee \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,3} \vee \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vee t_{\neg e_{1,2}, \neg e_{2,3}}$
7. $e_{1,2} \vee t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \vee \neg e_{1,3} \vee \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,3} \vee \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vee t_{\neg e_{1,2}, \neg e_{2,3}}$
8. $e_{1,2} \vee t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \vee \neg e_{1,3} \vee \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,3} \vee \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vee t_{\neg e_{1,2}, \neg e_{2,3}}$
9. $e_{1,2} \vee t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg e_{2,3} \vee \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, \neg e_{2,3}}$
10. $e_{1,2} \vee t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg e_{2,3} \vee \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, \neg e_{2,3}}$
11. $e_{1,2} \vee t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg e_{2,3} \vee \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, \neg e_{2,3}}$
12. $e_{1,2} \vee t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg e_{2,3} \vee \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, \neg e_{2,3}}$
13. $e_{1,2} \vee t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \vee e_{2,3} \vee \neg t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{\neg e_{1,2}, e_{2,3}} \vee t_{\neg e_{1,2}, \neg e_{2,3}} \vee e_{2,3}$
14. $e_{1,2} \vee t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \vee e_{2,3} \vee \neg t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{\neg e_{1,2}, e_{2,3}} \vee t_{\neg e_{1,2}, \neg e_{2,3}} \vee e_{2,3}$
15. $e_{1,2} \vee t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \vee e_{2,3} \vee \neg t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{\neg e_{1,2}, e_{2,3}} \vee t_{\neg e_{1,2}, \neg e_{2,3}} \vee e_{2,3}$
16. $e_{1,2} \vee t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \vee e_{2,3} \vee \neg t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{\neg e_{1,2}, e_{2,3}} \vee t_{\neg e_{1,2}, \neg e_{2,3}} \vee e_{2,3}$
17. $e_{1,2} \vee t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \vee t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, \neg e_{2,3}}$
18. $e_{1,2} \vee t_{\neg e_{1,2}, \neg e_{2,3}}, \neg e_{1,2} \vee t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, \neg e_{2,3}}$

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