

Домашнее задание по Математической логике №5

Приложение 2. Метод резолюций

Часть 10. 50001 – 54970

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

127. $e_{2,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}}, \neg t_{e_{3,5}, e_{3,6}} \vee t_{\neg e_{1,3}, e_{2,3}} \vee e_{3,6} \vdash \neg t_{e_{3,5}, e_{3,6}} \vee e_{3,6} \vee e_{2,3}$
128. $e_{2,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}}, t_{e_{1,5}, \neg e_{2,5}} \vee t_{\neg e_{1,3}, e_{2,3}} \vee t_{e_{4,5}, \neg e_{5,6}} \vdash t_{e_{1,5}, \neg e_{2,5}} \vee t_{e_{4,5}, \neg e_{5,6}} \vee e_{2,3}$
129. $e_{2,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}}, t_{e_{1,2}, e_{1,3}} \vee \neg e_{2,3} \vee \neg t_{e_{1,3}, \neg e_{2,3}} \vdash t_{e_{1,2}, e_{1,3}} \vee \neg t_{\neg e_{1,3}, e_{2,3}} \vee \neg t_{e_{1,3}, \neg e_{2,3}}$
130. $e_{2,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}}, \neg e_{3,6} \vee \neg t_{\neg e_{3,5}, \neg e_{3,6}} \vee t_{\neg e_{1,3}, e_{2,3}} \vdash \neg e_{3,6} \vee \neg t_{\neg e_{3,5}, \neg e_{3,6}} \vee e_{2,3}$
131. $e_{2,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}}, t_{\neg e_{1,3}, e_{2,3}} \vee t_{\neg e_{1,5}, \neg e_{2,5}} \vee t_{\neg e_{4,5}, e_{5,6}} \vdash t_{\neg e_{1,5}, \neg e_{2,5}} \vee t_{\neg e_{4,5}, e_{5,6}} \vee e_{2,3}$
132. $e_{2,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}}, t_{\neg e_{1,3}, e_{2,3}} \vee t_{e_{1,5}, e_{2,5}} \vee t_{\neg e_{4,5}, e_{5,6}} \vdash t_{e_{1,5}, e_{2,5}} \vee t_{\neg e_{4,5}, e_{5,6}} \vee e_{2,3}$
133. $e_{2,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}}, e_{3,5} \vee t_{\neg e_{1,3}, e_{2,3}} \vee \neg t_{e_{3,5}, \neg e_{3,6}} \vdash e_{3,5} \vee \neg t_{e_{3,5}, \neg e_{3,6}} \vee e_{2,3}$
134. $e_{2,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}}, \neg e_{2,3} \vee \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3}, e_{2,3}} \vee \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, \neg e_{1,3}}$
135. $e_{2,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}}, t_{e_{3,5}, e_{3,6}} \vee t_{\neg e_{1,3}, e_{2,3}} \vee t_{e_{3,5}, \neg e_{3,6}} \vdash t_{e_{3,5}, e_{3,6}} \vee t_{e_{3,5}, \neg e_{3,6}} \vee e_{2,3}$
136. $e_{2,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}}, t_{\neg e_{1,3}, e_{2,3}} \vee t_{\neg e_{3,5}, \neg e_{3,6}} \vee t_{e_{1,3}, e_{2,3}} \vdash t_{\neg e_{3,5}, \neg e_{3,6}} \vee t_{e_{1,3}, e_{2,3}} \vee e_{2,3}$
137. $e_{2,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}} \vee t_{\neg e_{1,3}, e_{2,3}} \vdash \neg e_{1,3} \vee e_{2,3}$
138. $e_{2,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}}, e_{3,5} \vee \neg e_{2,3} \vee e_{1,3} \vdash e_{3,5} \vee \neg t_{\neg e_{1,3}, e_{2,3}} \vee e_{1,3}$
139. $e_{2,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}}, t_{\neg e_{1,3}, e_{2,3}} \vee t_{\neg e_{4,5}, e_{5,6}} \vee t_{\neg e_{1,5}, e_{2,5}} \vdash t_{\neg e_{4,5}, e_{5,6}} \vee e_{2,3} \vee t_{\neg e_{1,5}, e_{2,5}}$
140. $e_{2,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}}, t_{\neg e_{1,3}, e_{2,3}} \vee t_{e_{4,5}, e_{5,6}} \vee t_{\neg e_{1,5}, e_{2,5}} \vdash t_{e_{4,5}, e_{5,6}} \vee e_{2,3} \vee t_{\neg e_{1,5}, e_{2,5}}$
141. $e_{2,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}}, t_{\neg e_{1,6}, e_{2,6}} \vee t_{\neg e_{4,6}, e_{5,6}} \vee t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,6}, e_{2,6}} \vee t_{\neg e_{4,6}, e_{5,6}} \vee e_{2,3}$
142. $e_{2,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,3} \vee \neg e_{3,6} \vee \neg e_{2,3} \vdash \neg e_{1,3} \vee \neg e_{3,6} \vee \neg t_{\neg e_{1,3}, e_{2,3}}$
143. $e_{2,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}}, e_{3,5} \vee \neg t_{e_{3,5}, e_{3,6}} \vee t_{\neg e_{1,3}, e_{2,3}} \vdash e_{3,5} \vee \neg t_{e_{3,5}, e_{3,6}} \vee e_{2,3}$
144. $e_{2,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}}, \neg e_{2,3} \vee e_{1,2} \vee e_{2,6} \vdash \neg t_{\neg e_{1,3}, e_{2,3}} \vee e_{1,2} \vee e_{2,6}$
145. $e_{2,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}}, t_{e_{1,5}, e_{2,5}} \vee t_{\neg e_{1,3}, e_{2,3}} \vee t_{\neg e_{4,5}, \neg e_{5,6}} \vdash t_{e_{1,5}, e_{2,5}} \vee t_{\neg e_{4,5}, \neg e_{5,6}} \vee e_{2,3}$
146. $e_{2,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}}, t_{\neg e_{1,3}, \neg e_{2,3}} \vee t_{e_{3,5}, e_{3,6}} \vee t_{\neg e_{1,3}, e_{2,3}} \vdash t_{e_{3,5}, e_{3,6}} \vee t_{\neg e_{1,3}, \neg e_{2,3}} \vee e_{2,3}$
147. $e_{2,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,2} \vee t_{\neg e_{1,3}, e_{2,3}} \vee \neg t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{1,2} \vee \neg t_{\neg e_{1,2}, e_{2,3}} \vee e_{2,3}$
148. $e_{2,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,3} \vee t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \vee \neg t_{\neg e_{1,3}, e_{2,3}} \vee t_{e_{1,2}, \neg e_{2,3}}$
149. $e_{2,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}}, t_{\neg e_{1,5}, \neg e_{2,5}} \vee t_{\neg e_{1,3}, e_{2,3}} \vee t_{\neg e_{4,5}, \neg e_{5,6}} \vdash t_{\neg e_{1,5}, \neg e_{2,5}} \vee t_{\neg e_{4,5}, \neg e_{5,6}} \vee e_{2,3}$
150. $e_{2,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}}, t_{\neg e_{1,6}, e_{2,6}} \vee t_{\neg e_{1,3}, e_{2,3}} \vee t_{e_{4,6}, \neg e_{5,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \vee t_{e_{4,6}, \neg e_{5,6}} \vee e_{2,3}$
151. $e_{2,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}}, t_{e_{3,5}, e_{3,6}} \vee t_{\neg e_{1,3}, e_{2,3}} \vee t_{\neg e_{3,5}, e_{3,6}} \vdash t_{e_{3,5}, e_{3,6}} \vee t_{\neg e_{3,5}, e_{3,6}} \vee e_{2,3}$
152. $e_{2,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}}, t_{\neg e_{1,5}, \neg e_{2,5}} \vee t_{\neg e_{1,3}, e_{2,3}} \vee t_{e_{4,5}, e_{5,6}} \vdash t_{\neg e_{1,5}, \neg e_{2,5}} \vee t_{e_{4,5}, e_{5,6}} \vee e_{2,3}$
153. $e_{2,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}}, \neg e_{2,3} \vee \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{\neg e_{1,3}, e_{2,3}} \vee \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, e_{2,3}}$

154. $e_{2,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}}, t_{\neg e_{1,3}, \neg e_{2,3}} \vee t_{\neg e_{1,3}, e_{2,3}} \vee t_{\neg e_{3,5}, \neg e_{3,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \vee t_{\neg e_{3,5}, \neg e_{3,6}} \vee e_{2,3}$
155. $e_{2,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}}, t_{e_{4,6}, e_{5,6}} \vee t_{\neg e_{1,6}, e_{2,6}} \vee t_{\neg e_{1,3}, e_{2,3}} \vdash t_{e_{4,6}, e_{5,6}} \vee t_{\neg e_{1,6}, e_{2,6}} \vee e_{2,3}$
156. $e_{2,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}}, t_{\neg e_{4,6}, e_{5,6}} \vee t_{\neg e_{1,3}, e_{2,3}} \vee t_{e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{4,6}, e_{5,6}} \vee t_{e_{1,6}, \neg e_{2,6}} \vee e_{2,3}$
157. $e_{2,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \vee t_{\neg e_{1,3}, e_{2,3}} \vee e_{1,2} \vdash \neg t_{e_{1,2}, e_{2,3}} \vee e_{2,3} \vee e_{1,2}$
158. $e_{2,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}}, \neg e_{2,3} \vee t_{\neg e_{1,2}, e_{1,3}} \vee \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \vee \neg t_{\neg e_{1,3}, e_{2,3}} \vee \neg t_{\neg e_{1,2}, \neg e_{2,3}}$
159. $e_{2,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}}, \neg e_{2,3} \vee \neg e_{3,5} \vee e_{1,3} \vdash \neg t_{\neg e_{1,3}, e_{2,3}} \vee \neg e_{3,5} \vee e_{1,3}$
160. $e_{2,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}}, t_{e_{1,3}, \neg e_{2,3}} \vee \neg e_{2,3} \vee \neg t_{e_{1,3}, \neg e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \vee \neg t_{\neg e_{1,3}, e_{2,3}} \vee \neg t_{e_{1,3}, \neg e_{2,3}}$
161. $e_{2,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}}, \neg e_{2,3} \vee e_{2,5} \vee e_{1,2} \vdash \neg t_{\neg e_{1,3}, e_{2,3}} \vee e_{2,5} \vee e_{1,2}$
162. $e_{2,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}}, t_{\neg e_{1,3}, e_{2,3}} \vee t_{\neg e_{4,5}, \neg e_{5,6}} \vee t_{\neg e_{1,5}, e_{2,5}} \vdash t_{\neg e_{4,5}, \neg e_{5,6}} \vee e_{2,3} \vee t_{\neg e_{1,5}, e_{2,5}}$
163. $e_{2,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}}, \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vee \neg e_{2,3} \vee e_{1,2} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vee \neg t_{\neg e_{1,3}, e_{2,3}} \vee e_{1,2}$
164. $e_{2,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,3} \vee e_{3,5} \vee \neg e_{2,3} \vdash \neg e_{1,3} \vee e_{3,5} \vee \neg t_{\neg e_{1,3}, e_{2,3}}$
165. $e_{2,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}}, t_{\neg e_{1,3}, e_{2,3}} \vee t_{\neg e_{3,5}, \neg e_{3,6}} \vee t_{\neg e_{3,5}, e_{3,6}} \vdash t_{\neg e_{3,5}, \neg e_{3,6}} \vee t_{\neg e_{3,5}, e_{3,6}} \vee e_{2,3}$
166. $e_{2,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}}, \neg e_{2,3} \vee \neg e_{2,6} \vee e_{1,2} \vdash \neg t_{\neg e_{1,3}, e_{2,3}} \vee \neg e_{2,6} \vee e_{1,2}$
167. $e_{2,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}}, \neg e_{3,6} \vee t_{\neg e_{1,3}, e_{2,3}} \vee \neg t_{e_{3,5}, \neg e_{3,6}} \vdash \neg e_{3,6} \vee \neg t_{e_{3,5}, \neg e_{3,6}} \vee e_{2,3}$
168. $e_{2,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}}, \neg e_{2,3} \vee e_{3,6} \vee e_{1,3} \vdash \neg t_{\neg e_{1,3}, e_{2,3}} \vee e_{3,6} \vee e_{1,3}$
169. $e_{2,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}}, t_{\neg e_{1,3}, \neg e_{2,3}} \vee t_{\neg e_{1,3}, e_{2,3}} \vee t_{\neg e_{3,5}, e_{3,6}} \vdash t_{\neg e_{1,3}, \neg e_{2,3}} \vee t_{\neg e_{3,5}, e_{3,6}} \vee e_{2,3}$
170. $e_{2,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}}, \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vee \neg e_{2,3} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vee \neg t_{\neg e_{1,3}, e_{2,3}} \vee t_{e_{1,2}, \neg e_{1,3}}$
171. $e_{2,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}}, t_{\neg e_{1,5}, \neg e_{2,5}} \vee t_{\neg e_{1,3}, e_{2,3}} \vee t_{e_{4,5}, \neg e_{5,6}} \vdash t_{\neg e_{1,5}, \neg e_{2,5}} \vee t_{e_{4,5}, \neg e_{5,6}} \vee e_{2,3}$
172. $e_{2,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}}, t_{e_{4,6}, e_{5,6}} \vee t_{\neg e_{1,3}, e_{2,3}} \vee t_{e_{1,6}, e_{2,6}} \vdash t_{e_{4,6}, e_{5,6}} \vee t_{e_{1,6}, e_{2,6}} \vee e_{2,3}$
173. $e_{2,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}}, t_{e_{1,5}, e_{2,5}} \vee t_{\neg e_{1,3}, e_{2,3}} \vee t_{e_{4,5}, \neg e_{5,6}} \vdash t_{e_{1,5}, e_{2,5}} \vee t_{e_{4,5}, \neg e_{5,6}} \vee e_{2,3}$
174. $e_{2,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}}, t_{\neg e_{1,3}, e_{2,3}} \vee t_{e_{4,5}, \neg e_{5,6}} \vee t_{\neg e_{1,5}, e_{2,5}} \vdash t_{e_{4,5}, \neg e_{5,6}} \vee e_{2,3} \vee t_{\neg e_{1,5}, e_{2,5}}$
175. $e_{2,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}}, \neg e_{1,3} \vee \neg e_{2,3} \vee e_{3,6} \vdash \neg e_{1,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}} \vee e_{3,6}$
176. $e_{2,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}}, t_{\neg e_{1,3}, e_{2,3}} \vee t_{e_{1,5}, e_{2,5}} \vee t_{e_{4,5}, \neg e_{5,6}} \vdash t_{e_{1,5}, e_{2,5}} \vee t_{e_{4,5}, \neg e_{5,6}} \vee e_{2,3}$
177. $e_{2,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}}, t_{\neg e_{1,3}, e_{2,3}} \vee t_{\neg e_{1,5}, \neg e_{2,5}} \vee t_{e_{4,5}, \neg e_{5,6}} \vdash t_{\neg e_{1,5}, \neg e_{2,5}} \vee t_{e_{4,5}, \neg e_{5,6}} \vee e_{2,3}$
178. $e_{2,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}}, t_{\neg e_{1,3}, e_{2,3}} \vee t_{e_{1,6}, \neg e_{2,6}} \vee t_{e_{4,6}, \neg e_{5,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \vee t_{e_{4,6}, \neg e_{5,6}} \vee e_{2,3}$
179. $e_{2,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}}, \neg e_{2,3} \vee t_{e_{1,3}, e_{2,3}} \vee \neg t_{e_{1,3}, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,3}, e_{2,3}} \vee t_{e_{1,3}, e_{2,3}} \vee \neg t_{e_{1,3}, \neg e_{2,3}}$
180. $e_{2,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}}, t_{\neg e_{4,6}, e_{5,6}} \vee t_{\neg e_{1,3}, e_{2,3}} \vee t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{4,6}, e_{5,6}} \vee e_{2,3} \vee t_{\neg e_{1,6}, \neg e_{2,6}}$

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$$856. \quad e_{2,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}}, \neg t_{\neg e_{1,3}, e_{2,3}} \vee t_{\neg e_{1,3}, e_{2,3}} \vee e_{2,3} \vdash e_{2,3}$$

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

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

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

$$860. \quad e_{2,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}}, t_{\neg e_{1,2}, e_{1,3}} \vee t_{\neg e_{1,3}, e_{2,3}} \vee e_{2,3} \vdash e_{2,3} \vee t_{\neg e_{1,2}, e_{1,3}}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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1342. $e_{1,5} \vee t_{\neg e_{1,5}, e_{2,5}}, t_{e_{1,3}, \neg e_{2,3}} \vee \neg e_{1,5} \vee e_{2,3} \vdash t_{e_{1,3}, \neg e_{2,3}} \vee e_{2,3} \vee t_{\neg e_{1,5}, e_{2,5}}$
1343. $e_{1,5} \vee t_{\neg e_{1,5}, e_{2,5}}, \neg e_{1,5} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vee e_{2,3} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \vee e_{2,3} \vee t_{\neg e_{1,5}, e_{2,5}}$
1344. $e_{1,5} \vee t_{\neg e_{1,5}, e_{2,5}}, \neg e_{1,3} \vee \neg e_{1,5} \vee e_{2,3} \vdash \neg e_{1,3} \vee e_{2,3} \vee t_{\neg e_{1,5}, e_{2,5}}$
1345. $e_{1,5} \vee t_{\neg e_{1,5}, e_{2,5}}, \neg e_{1,5} \vee e_{1,3} \vee e_{2,3} \vdash e_{1,3} \vee e_{2,3} \vee t_{\neg e_{1,5}, e_{2,5}}$
1346. $e_{1,5} \vee t_{\neg e_{1,5}, e_{2,5}}, \neg e_{1,5} \vee t_{e_{1,2}, e_{2,3}} \vee e_{2,3} \vdash t_{e_{1,2}, e_{2,3}} \vee e_{2,3} \vee t_{\neg e_{1,5}, e_{2,5}}$
1347. $e_{1,5} \vee t_{\neg e_{1,5}, e_{2,5}}, \neg e_{1,5} \vee t_{\neg e_{1,2}, e_{2,3}} \vee e_{2,3} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee e_{2,3} \vee t_{\neg e_{1,5}, e_{2,5}}$
1348. $e_{1,5} \vee t_{\neg e_{1,5}, e_{2,5}}, \neg e_{1,5} \vee e_{2,3} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash e_{2,3} \vee t_{\neg e_{1,5}, e_{2,5}} \vee t_{e_{1,2}, \neg e_{1,3}}$
1349. $e_{1,5} \vee t_{\neg e_{1,5}, e_{2,5}}, \neg e_{1,5} \vee t_{\neg e_{1,2}, e_{2,3}} \vee e_{2,3} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee e_{2,3} \vee t_{\neg e_{1,5}, e_{2,5}}$
1350. $e_{1,5} \vee t_{\neg e_{1,5}, e_{2,5}}, \neg t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{1,5} \vee e_{2,3} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \vee e_{2,3} \vee t_{\neg e_{1,5}, e_{2,5}}$
1351. $e_{1,5} \vee t_{\neg e_{1,5}, e_{2,5}}, t_{\neg e_{1,2}, e_{1,3}} \vee \neg e_{1,5} \vee e_{2,3} \vdash t_{\neg e_{1,2}, e_{1,3}} \vee e_{2,3} \vee t_{\neg e_{1,5}, e_{2,5}}$
1352. $e_{1,5} \vee t_{\neg e_{1,5}, e_{2,5}}, \neg e_{1,5} \vee t_{e_{1,2}, e_{2,3}} \vee e_{2,3} \vdash t_{e_{1,2}, e_{2,3}} \vee e_{2,3} \vee t_{\neg e_{1,5}, e_{2,5}}$
1353. $e_{1,5} \vee t_{\neg e_{1,5}, e_{2,5}}, \neg e_{1,5} \vee e_{1,3} \vee e_{2,3} \vdash e_{1,3} \vee e_{2,3} \vee t_{\neg e_{1,5}, e_{2,5}}$
1354. $e_{1,5} \vee t_{\neg e_{1,5}, e_{2,5}}, \neg e_{1,5} \vee \neg t_{e_{1,3}, \neg e_{2,3}} \vee e_{2,3} \vdash \neg t_{e_{1,3}, \neg e_{2,3}} \vee e_{2,3} \vee t_{\neg e_{1,5}, e_{2,5}}$
1355. $e_{1,5} \vee t_{\neg e_{1,5}, e_{2,5}}, \neg e_{1,5} \vee t_{e_{1,3}, e_{2,3}} \vee e_{2,3} \vdash t_{e_{1,3}, e_{2,3}} \vee e_{2,3} \vee t_{\neg e_{1,5}, e_{2,5}}$
1356. $\neg t_{\neg e_{1,2}, e_{1,3}} \vee e_{1,3}, \neg e_{1,3} \vee \neg e_{1,5} \vee e_{1,2} \vdash \neg e_{1,5} \vee \neg t_{\neg e_{1,2}, e_{1,3}} \vee e_{1,2}$
1357. $\neg t_{\neg e_{1,2}, e_{1,3}} \vee e_{1,3}, t_{\neg e_{1,2}, e_{1,3}} \vee t_{\neg e_{1,5}, e_{1,6}} \vee t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,5}, e_{1,6}} \vee t_{\neg e_{1,2}, \neg e_{1,3}} \vee e_{1,3}$
1358. $\neg t_{\neg e_{1,2}, e_{1,3}} \vee e_{1,3}, t_{\neg e_{1,2}, e_{1,3}} \vee \neg t_{\neg e_{1,5}, e_{1,6}} \vee e_{1,6} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \vee e_{1,6} \vee e_{1,3}$
1359. $\neg t_{\neg e_{1,2}, e_{1,3}} \vee e_{1,3}, t_{e_{1,5}, \neg e_{1,6}} \vee t_{e_{1,4}, \neg e_{2,4}} \vee t_{\neg e_{1,2}, e_{1,3}} \vdash t_{e_{1,5}, \neg e_{1,6}} \vee t_{e_{1,4}, \neg e_{2,4}} \vee e_{1,3}$
1360. $\neg t_{\neg e_{1,2}, e_{1,3}} \vee e_{1,3}, t_{e_{1,4}, e_{2,4}} \vee t_{\neg e_{1,2}, e_{1,3}} \vee t_{\neg e_{1,5}, e_{1,6}} \vdash t_{e_{1,4}, e_{2,4}} \vee t_{\neg e_{1,5}, e_{1,6}} \vee e_{1,3}$
1361. $\neg t_{\neg e_{1,2}, e_{1,3}} \vee e_{1,3}, t_{e_{1,5}, \neg e_{1,6}} \vee t_{\neg e_{1,2}, e_{1,3}} \vee t_{\neg e_{1,5}, \neg e_{1,6}} \vdash t_{e_{1,5}, \neg e_{1,6}} \vee t_{\neg e_{1,5}, \neg e_{1,6}} \vee e_{1,3}$
1362. $\neg t_{\neg e_{1,2}, e_{1,3}} \vee e_{1,3}, t_{\neg e_{1,2}, e_{1,3}} \vee \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vee \neg e_{2,6} \vdash \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vee e_{1,3} \vee \neg e_{2,6}$
1363. $\neg t_{\neg e_{1,2}, e_{1,3}} \vee e_{1,3}, \neg e_{1,2} \vee \neg e_{1,3} \vee \neg e_{1,5} \vdash \neg e_{1,2} \vee \neg e_{1,5} \vee \neg t_{\neg e_{1,2}, e_{1,3}}$
1364. $\neg t_{\neg e_{1,2}, e_{1,3}} \vee e_{1,3}, e_{1,5} \vee t_{\neg e_{1,2}, e_{1,3}} \vee \neg t_{e_{1,5}, e_{1,6}} \vdash e_{1,5} \vee \neg t_{e_{1,5}, e_{1,6}} \vee e_{1,3}$
1365. $\neg t_{\neg e_{1,2}, e_{1,3}} \vee e_{1,3}, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg e_{3,5} \vdash \neg e_{2,3} \vee \neg t_{\neg e_{1,2}, e_{1,3}} \vee \neg e_{3,5}$
1366. $\neg t_{\neg e_{1,2}, e_{1,3}} \vee e_{1,3}, \neg e_{1,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}} \vee t_{e_{1,3}, e_{2,3}} \vdash \neg t_{\neg e_{1,3}, e_{2,3}} \vee t_{e_{1,3}, e_{2,3}} \vee \neg t_{\neg e_{1,2}, e_{1,3}}$
1367. $\neg t_{\neg e_{1,2}, e_{1,3}} \vee e_{1,3}, \neg e_{1,3} \vee \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vee \neg t_{\neg e_{1,2}, e_{1,3}} \vee t_{\neg e_{1,2}, e_{2,3}}$
1368. $\neg t_{\neg e_{1,2}, e_{1,3}} \vee e_{1,3}, \neg e_{1,3} \vee e_{1,6} \vee e_{1,2} \vdash e_{1,6} \vee \neg t_{\neg e_{1,2}, e_{1,3}} \vee e_{1,2}$

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3097. $e_{1,4} \vee \neg t_{e_{1,4}, \neg e_{2,4}}, t_{e_{1,4}, \neg e_{2,4}} \vee t_{\neg e_{1,5}, e_{1,6}} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,5}, e_{1,6}} \vee e_{1,4} \vee t_{e_{1,2}, \neg e_{1,3}}$
3098. $e_{1,4} \vee \neg t_{e_{1,4}, \neg e_{2,4}}, \neg e_{5,6} \vee t_{e_{1,4}, \neg e_{2,4}} \vee \neg t_{e_{4,5}, \neg e_{5,6}} \vdash \neg e_{5,6} \vee \neg t_{e_{4,5}, \neg e_{5,6}} \vee e_{1,4}$
3099. $e_{1,4} \vee \neg t_{e_{1,4}, \neg e_{2,4}}, e_{5,6} \vee t_{e_{1,4}, \neg e_{2,4}} \vee \neg t_{e_{4,5}, e_{5,6}} \vdash e_{5,6} \vee \neg t_{e_{4,5}, e_{5,6}} \vee e_{1,4}$
3100. $e_{1,4} \vee \neg t_{e_{1,4}, \neg e_{2,4}}, t_{e_{1,4}, \neg e_{2,4}} \vee \neg t_{e_{1,4}, \neg e_{2,4}} \vee e_{1,4} \vdash e_{1,4}$
3101. $e_{1,4} \vee \neg t_{e_{1,4}, \neg e_{2,4}}, t_{e_{1,4}, \neg e_{2,4}} \vee t_{e_{2,5}, \neg e_{2,6}} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{2,5}, \neg e_{2,6}} \vee t_{\neg e_{1,2}, e_{2,3}} \vee e_{1,4}$
3102. $e_{1,4} \vee \neg t_{e_{1,4}, \neg e_{2,4}}, t_{e_{1,4}, \neg e_{2,4}} \vee t_{e_{1,4}, e_{2,4}} \vee t_{\neg e_{4,5}, e_{4,6}} \vdash t_{e_{1,4}, e_{2,4}} \vee t_{\neg e_{4,5}, e_{4,6}} \vee e_{1,4}$
3103. $e_{1,4} \vee \neg t_{e_{1,4}, \neg e_{2,4}}, t_{e_{1,4}, \neg e_{2,4}} \vee t_{\neg e_{4,5}, e_{4,6}} \vee t_{e_{4,5}, e_{4,6}} \vdash t_{\neg e_{4,5}, e_{4,6}} \vee t_{e_{4,5}, e_{4,6}} \vee e_{1,4}$
3104. $e_{1,4} \vee \neg t_{e_{1,4}, \neg e_{2,4}}, t_{e_{1,4}, \neg e_{2,4}} \vee t_{e_{1,2}, e_{2,3}} \vee t_{e_{2,5}, e_{2,6}} \vdash t_{e_{1,2}, e_{2,3}} \vee t_{e_{2,5}, e_{2,6}} \vee e_{1,4}$
3105. $e_{1,4} \vee \neg t_{e_{1,4}, \neg e_{2,4}}, e_{5,6} \vee \neg t_{\neg e_{4,6}, e_{5,6}} \vee t_{e_{1,4}, \neg e_{2,4}} \vdash e_{5,6} \vee \neg t_{\neg e_{4,6}, e_{5,6}} \vee e_{1,4}$
3106. $e_{1,4} \vee \neg t_{e_{1,4}, \neg e_{2,4}}, \neg e_{5,6} \vee t_{e_{1,4}, \neg e_{2,4}} \vee \neg t_{e_{4,6}, \neg e_{5,6}} \vdash \neg e_{5,6} \vee \neg t_{e_{4,6}, \neg e_{5,6}} \vee e_{1,4}$
3107. $e_{1,4} \vee \neg t_{e_{1,4}, \neg e_{2,4}}, e_{4,6} \vee t_{e_{1,4}, \neg e_{2,4}} \vee \neg t_{e_{4,5}, e_{4,6}} \vdash e_{4,6} \vee \neg t_{e_{4,5}, e_{4,6}} \vee e_{1,4}$
3108. $e_{1,4} \vee \neg t_{e_{1,4}, \neg e_{2,4}}, e_{5,6} \vee t_{e_{1,4}, \neg e_{2,4}} \vee \neg t_{e_{4,6}, e_{5,6}} \vdash e_{5,6} \vee e_{1,4} \vee \neg t_{e_{4,6}, e_{5,6}}$
3109. $e_{1,4} \vee \neg t_{e_{1,4}, \neg e_{2,4}}, t_{e_{1,4}, \neg e_{2,4}} \vee t_{e_{4,5}, e_{4,6}} \vee t_{\neg e_{1,4}, \neg e_{2,4}} \vdash t_{e_{4,5}, e_{4,6}} \vee t_{\neg e_{1,4}, \neg e_{2,4}} \vee e_{1,4}$
3110. $e_{1,4} \vee \neg t_{e_{1,4}, \neg e_{2,4}}, \neg e_{2,4} \vee \neg e_{1,4} \vee \neg e_{4,5} \vdash \neg e_{2,4} \vee \neg t_{e_{1,4}, \neg e_{2,4}} \vee \neg e_{4,5}$
3111. $e_{1,4} \vee \neg t_{e_{1,4}, \neg e_{2,4}}, t_{e_{1,4}, \neg e_{2,4}} \vee e_{4,6} \vee \neg t_{\neg e_{4,5}, e_{4,6}} \vdash e_{4,6} \vee \neg t_{\neg e_{4,5}, e_{4,6}} \vee e_{1,4}$
3112. $e_{1,4} \vee \neg t_{e_{1,4}, \neg e_{2,4}}, t_{e_{1,4}, \neg e_{2,4}} \vee t_{e_{1,2}, e_{2,3}} \vee t_{\neg e_{2,5}, \neg e_{2,6}} \vdash t_{e_{1,2}, e_{2,3}} \vee t_{\neg e_{2,5}, \neg e_{2,6}} \vee e_{1,4}$
3113. $e_{1,4} \vee \neg t_{e_{1,4}, \neg e_{2,4}}, \neg e_{4,6} \vee \neg e_{1,4} \vee e_{2,4} \vdash \neg e_{4,6} \vee \neg t_{e_{1,4}, \neg e_{2,4}} \vee e_{2,4}$
3114. $e_{1,4} \vee \neg t_{e_{1,4}, \neg e_{2,4}}, t_{e_{1,2}, e_{1,3}} \vee t_{e_{1,4}, \neg e_{2,4}} \vee t_{e_{1,5}, e_{1,6}} \vdash t_{e_{1,2}, e_{1,3}} \vee t_{e_{1,5}, e_{1,6}} \vee e_{1,4}$
3115. $e_{1,4} \vee \neg t_{e_{1,4}, \neg e_{2,4}}, t_{e_{1,4}, \neg e_{2,4}} \vee t_{\neg e_{1,2}, \neg e_{1,3}} \vee t_{e_{1,5}, e_{1,6}} \vdash t_{\neg e_{1,2}, \neg e_{1,3}} \vee t_{e_{1,5}, e_{1,6}} \vee e_{1,4}$
3116. $e_{1,4} \vee \neg t_{e_{1,4}, \neg e_{2,4}}, e_{4,6} \vee \neg e_{2,4} \vee \neg e_{1,4} \vdash e_{4,6} \vee \neg e_{2,4} \vee \neg t_{e_{1,4}, \neg e_{2,4}}$
3117. $e_{1,4} \vee \neg t_{e_{1,4}, \neg e_{2,4}}, \neg e_{2,4} \vee \neg e_{4,6} \vee \neg e_{1,4} \vdash \neg e_{2,4} \vee \neg e_{4,6} \vee \neg t_{e_{1,4}, \neg e_{2,4}}$
3118. $e_{1,4} \vee \neg t_{e_{1,4}, \neg e_{2,4}}, t_{e_{1,4}, e_{2,4}} \vee \neg t_{\neg e_{1,4}, e_{2,4}} \vee \neg e_{1,4} \vdash t_{e_{1,4}, e_{2,4}} \vee \neg t_{\neg e_{1,4}, e_{2,4}} \vee \neg t_{e_{1,4}, \neg e_{2,4}}$
3119. $e_{1,4} \vee \neg t_{e_{1,4}, \neg e_{2,4}}, t_{e_{1,4}, \neg e_{2,4}} \vee e_{4,5} \vee \neg t_{e_{4,5}, e_{4,6}} \vdash e_{4,5} \vee \neg t_{e_{4,5}, e_{4,6}} \vee e_{1,4}$
3120. $e_{1,4} \vee \neg t_{e_{1,4}, \neg e_{2,4}}, t_{e_{1,4}, \neg e_{2,4}} \vee \neg t_{\neg e_{1,4}, e_{2,4}} \vee \neg t_{e_{1,4}, \neg e_{2,4}} \vdash e_{1,4} \vee \neg t_{\neg e_{1,4}, e_{2,4}}$
3121. $e_{1,4} \vee \neg t_{e_{1,4}, \neg e_{2,4}}, e_{4,5} \vee \neg t_{\neg e_{1,4}, e_{2,4}} \vee \neg e_{1,4} \vdash e_{4,5} \vee \neg t_{\neg e_{1,4}, e_{2,4}} \vee \neg t_{e_{1,4}, \neg e_{2,4}}$
3122. $e_{1,4} \vee \neg t_{e_{1,4}, \neg e_{2,4}}, \neg t_{\neg e_{1,4}, e_{2,4}} \vee \neg e_{1,4} \vee \neg e_{4,5} \vdash \neg t_{\neg e_{1,4}, e_{2,4}} \vee \neg t_{e_{1,4}, \neg e_{2,4}} \vee \neg e_{4,5}$
3123. $e_{1,4} \vee \neg t_{e_{1,4}, \neg e_{2,4}}, e_{4,6} \vee \neg t_{\neg e_{1,4}, e_{2,4}} \vee \neg e_{1,4} \vdash e_{4,6} \vee \neg t_{\neg e_{1,4}, e_{2,4}} \vee \neg t_{e_{1,4}, \neg e_{2,4}}$

- [illegible]

[illegible]

[illegible]

2332. $t_{e1,6}, \neg e2,6 \vee t_{e1,6}, e2,6, \neg t_{e1,6}, e2,6 \vee t_{e1,2}, e2,3 \vee e1,6 \vdash t_{e1,6}, \neg e2,6 \vee t_{e1,2}, e2,3 \vee e1,6$

2333. $t_{e1,6}, \neg e2,6 \vee t_{e1,6}, e2,6, \neg t_{e1,6}, e2,6 \vee e1,6 \vee e2,3 \vdash t_{e1,6}, \neg e2,6 \vee e1,6 \vee e2,3$

2334. $t_{e1,6}, \neg e2,6 \vee t_{e1,6}, e2,6, \neg t_{e1,6}, e2,6 \vee e1,2 \vee e2,6 \vdash t_{e1,6}, \neg e2,6 \vee e1,2 \vee e2,6$

2335. $t_{e1,6}, \neg e2,6 \vee t_{e1,6}, e2,6, \neg t_{e1,6}, e2,6 \vee e1,6 \vee e2,6 \vdash t_{e1,6}, \neg e2,6 \vee e1,6 \vee e2,6$

2336. $t_{e1,6}, \neg e2,6 \vee t_{e1,6}, e2,6, \neg t_{e1,6}, e2,6 \vee e1,6 \vee e2,6 \vdash t_{e1,6}, \neg e2,6 \vee e1,6 \vee e2,6$

2337. $t_{e1,6}, \neg e2,6 \vee t_{e1,6}, e2,6, \neg t_{e1,6}, e2,6 \vee e1,6 \vee e1,2 \vdash t_{e1,6}, \neg e2,6 \vee e1,6 \vee e1,2$

2338. $t_{e1,6}, \neg e2,6 \vee t_{e1,6}, e2,6, \neg t_{e1,6}, e2,6 \vee e1,3 \vee e2,6 \vdash t_{e1,6}, \neg e2,6 \vee e1,3 \vee e2,6$

2339. $t_{e1,6}, e2,6 \vee t_{e1,2}, e1,3, t_{e1,2}, e1,3 \vee \neg t_{e1,6}, e2,6 \vee e2,6 \vdash t_{e1,2}, e1,3 \vee e2,6$

2340. $t_{e1,6}, e2,6 \vee t_{e1,2}, e1,3, \neg t_{e1,2}, e1,3 \vee \neg t_{e1,2}, \neg e1,3 \vee e1,2 \vdash \neg t_{e1,2}, \neg e1,3 \vee t_{e1,6}, e2,6 \vee e1,2$

2341. $t_{e1,6}, e2,6 \vee t_{e1,2}, e1,3, \neg t_{e1,6}, e2,6 \vee e2,6 \vee t_{e1,2}, \neg e1,3 \vdash t_{e1,2}, e1,3 \vee e2,6 \vee t_{e1,2}, \neg e1,3$

2342. $t_{e1,6}, e2,6 \vee t_{e1,2}, e1,3, \neg t_{e1,6}, e2,6 \vee e1,6 \vee t_{\neg e1,2}, e2,3 \vdash t_{e1,2}, e1,3 \vee t_{\neg e1,2}, e2,3 \vee e1,6$

2343. $t_{e1,6}, e2,6 \vee t_{e1,2}, e1,3, \neg t_{e1,2}, e1,3 \vee t_{e1,2}, \neg e2,3 \vee e1,3 \vdash t_{e1,2}, \neg e2,3 \vee t_{e1,6}, e2,6 \vee e1,3$

2344. $t_{e1,6}, e2,6 \vee t_{e1,2}, e1,3, t_{\neg e1,6}, e2,6 \vee \neg t_{e1,6}, e2,6 \vee e1,6 \vdash t_{e1,2}, e1,3 \vee t_{\neg e1,6}, e2,6 \vee e1,6$

2345. $t_{e1,6}, e2,6 \vee t_{e1,2}, e1,3, \neg t_{e1,6}, e2,6 \vee t_{\neg e1,2}, \neg e1,3 \vee e2,6 \vdash t_{e1,2}, e1,3 \vee t_{\neg e1,2}, \neg e1,3 \vee e2,6$

2346. $t_{e1,6}, e2,6 \vee t_{e1,2}, e1,3, t_{\neg e1,2}, e1,3 \vee \neg t_{e1,6}, e2,6 \vee e2,6 \vdash t_{e1,2}, e1,3 \vee t_{\neg e1,2}, e1,3 \vee e2,6$

2347. $t_{e1,6}, e2,6 \vee t_{e1,2}, e1,3, \neg t_{e1,6}, e2,6 \vee t_{e1,6}, \neg e2,6 \vee e2,6 \vdash t_{e1,2}, e1,3 \vee t_{e1,6}, \neg e2,6 \vee e2,6$

2348. $t_{e1,6}, e2,6 \vee t_{e1,2}, e1,3, \neg t_{e1,6}, e2,6 \vee e2,6 \vee \neg t_{\neg e1,6}, e2,6 \vdash t_{e1,2}, e1,3 \vee e2,6 \vee \neg t_{\neg e1,6}, e2,6$

2349. $t_{e1,6}, e2,6 \vee t_{e1,2}, e1,3, \neg t_{e1,6}, e2,6 \vee t_{\neg e1,2}, \neg e2,3 \vee e1,6 \vdash t_{e1,2}, e1,3 \vee e1,6 \vee t_{\neg e1,2}, \neg e2,3$

2350. $t_{e1,6}, e2,6 \vee t_{e1,2}, e1,3, \neg t_{e1,6}, e2,6 \vee t_{e1,2}, \neg e2,3 \vee e1,6 \vdash t_{e1,2}, e1,3 \vee t_{e1,2}, \neg e2,3 \vee e1,6$

2351. $t_{e1,6}, e2,6 \vee t_{e1,2}, e1,3, t_{\neg e1,2}, e1,3 \vee \neg t_{e1,2}, e1,3 \vee e1,2 \vdash t_{\neg e1,2}, e1,3 \vee t_{e1,6}, e2,6 \vee e1,2$

2352. $t_{e1,6}, e2,6 \vee t_{e1,2}, e1,3, \neg t_{e1,2}, e1,3 \vee t_{e1,2}, e2,3 \vee e1,3 \vdash t_{e1,2}, e2,3 \vee t_{e1,6}, e2,6 \vee e1,3$

2353. $t_{e1,6}, e2,6 \vee t_{e1,2}, e1,3, \neg t_{e1,6}, e2,6 \vee \neg t_{e1,6}, \neg e2,6 \vee e1,6 \vdash t_{e1,2}, e1,3 \vee \neg t_{e1,6}, \neg e2,6 \vee e1,6$

2354. $t_{e1,6}, e2,6 \vee t_{e1,2}, e1,3, \neg t_{e1,6}, e2,6 \vee t_{e1,2}, e2,3 \vee e1,6 \vdash t_{e1,2}, e1,3 \vee t_{e1,2}, e2,3 \vee e1,6$

2355. $t_{e1,6}, e2,6 \vee t_{e1,2}, e1,3, \neg t_{e1,2}, e1,3 \vee \neg t_{\neg e1,2}, e1,3 \vee e1,3 \vdash \neg t_{\neg e1,2}, e1,3 \vee t_{e1,6}, e2,6 \vee e1,3$

2356. $t_{e1,6}, e2,6 \vee t_{e1,2}, e1,3, t_{e1,3}, \neg e2,3 \vee \neg t_{e1,2}, e1,3 \vee e1,2 \vdash t_{e1,3}, \neg e2,3 \vee t_{e1,6}, e2,6 \vee e1,2$

2357. $t_{e1,6}, e2,6 \vee t_{e1,2}, e1,3, \neg t_{e1,2}, e1,3 \vee e1,3 \vee t_{e1,2}, \neg e1,3 \vdash t_{e1,6}, e2,6 \vee e1,3 \vee t_{e1,2}, \neg e1,3$

2358. $t_{e1,6}, e2,6 \vee t_{e1,2}, e1,3, \neg t_{e1,2}, e1,3 \vee t_{e1,3}, e2,3 \vee e1,2 \vdash t_{e1,3}, e2,3 \vee t_{e1,6}, e2,6 \vee e1,2$

3286. $t_{\neg e_{1,4}, \neg e_{2,4}} \vee t_{e_{1,5}, e_{2,5}}, e_{1,5} \vee t_{e_{1,2}, e_{2,3}} \vee \neg t_{e_{1,5}, e_{2,5}} \vdash e_{1,5} \vee t_{e_{1,2}, e_{2,3}} \vee t_{\neg e_{1,4}, \neg e_{2,4}}$
3287. $t_{\neg e_{1,4}, \neg e_{2,4}} \vee t_{e_{1,5}, e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5}, e_{2,5}} \vee e_{2,3} \vdash e_{1,5} \vee t_{\neg e_{1,4}, \neg e_{2,4}} \vee e_{2,3}$
3288. $t_{\neg e_{1,4}, \neg e_{2,4}} \vee t_{e_{1,5}, e_{2,5}}, \neg t_{e_{1,5}, e_{2,5}} \vee e_{2,5} \vee e_{1,2} \vdash e_{2,5} \vee t_{\neg e_{1,4}, \neg e_{2,4}} \vee e_{1,2}$
3289. $t_{\neg e_{1,4}, \neg e_{2,4}} \vee t_{e_{1,5}, e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5}, e_{2,5}} \vee e_{2,5} \vdash e_{1,5} \vee e_{2,5} \vee t_{\neg e_{1,4}, \neg e_{2,4}}$
3290. $t_{\neg e_{1,4}, \neg e_{2,4}} \vee t_{e_{1,5}, e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5}, e_{2,5}} \vee e_{2,5} \vdash e_{1,5} \vee e_{2,5} \vee t_{\neg e_{1,4}, \neg e_{2,4}}$
3291. $t_{\neg e_{1,4}, \neg e_{2,4}} \vee t_{e_{1,5}, e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5}, e_{2,5}} \vee e_{1,2} \vdash e_{1,5} \vee t_{\neg e_{1,4}, \neg e_{2,4}} \vee e_{1,2}$
3292. $t_{\neg e_{1,4}, \neg e_{2,4}} \vee t_{e_{1,5}, e_{2,5}}, \neg t_{e_{1,5}, e_{2,5}} \vee e_{2,5} \vee e_{1,3} \vdash e_{2,5} \vee t_{\neg e_{1,4}, \neg e_{2,4}} \vee e_{1,3}$
3293. $t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \vee \neg t_{e_{1,2}, \neg e_{2,3}} \vee e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \vee e_{1,2}$
3294. $t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \vee e_{2,3} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash e_{2,3} \vee t_{e_{1,2}, \neg e_{1,3}}$
3295. $t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \vee e_{2,3} \vee e_{1,2} \vdash e_{2,3} \vee e_{1,2}$
3296. $t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \vee t_{e_{1,2}, e_{1,3}} \vee e_{2,3} \vdash e_{2,3} \vee t_{e_{1,2}, e_{1,3}}$
3297. $t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \vee \neg t_{\neg e_{1,2}, e_{2,3}} \vee e_{2,3} \vdash e_{2,3} \vee \neg t_{\neg e_{1,2}, e_{2,3}}$
3298. $t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \vee t_{\neg e_{1,2}, e_{2,3}} \vee e_{1,2} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee e_{1,2}$
3299. $t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \vee t_{e_{1,3}, e_{2,3}} \vee e_{1,2} \vdash t_{e_{1,3}, e_{2,3}} \vee e_{1,2}$
3300. $t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \vee t_{\neg e_{1,3}, e_{2,3}} \vee e_{1,2} \vdash e_{1,2} \vee t_{\neg e_{1,3}, e_{2,3}}$
3301. $t_{e_{1,2}, e_{2,3}}, \neg t_{e_{1,2}, e_{2,3}} \vee t_{e_{1,2}, \neg e_{2,3}} \vee e_{2,3} \vdash e_{2,3} \vee t_{e_{1,2}, \neg e_{2,3}}$
3302. $t_{e_{1,2}, e_{2,3}}, t_{e_{1,2}, e_{1,3}} \vee \neg t_{e_{1,2}, e_{2,3}} \vee e_{2,3} \vdash t_{e_{1,2}, e_{1,3}} \vee e_{2,3}$
3303. $e_{1,4}, e_{4,6} \vee \neg t_{\neg e_{1,4}, e_{2,4}} \vee \neg e_{1,4} \vdash e_{4,6} \vee \neg t_{\neg e_{1,4}, e_{2,4}}$
3304. $e_{1,4}, t_{e_{1,4}, \neg e_{2,4}} \vee \neg t_{\neg e_{1,4}, \neg e_{2,4}} \vee \neg e_{1,4} \vdash t_{e_{1,4}, \neg e_{2,4}} \vee \neg t_{\neg e_{1,4}, \neg e_{2,4}}$
3305. $e_{1,4}, \neg t_{\neg e_{1,4}, e_{2,4}} \vee \neg t_{\neg e_{1,4}, \neg e_{2,4}} \vee \neg e_{1,4} \vdash \neg t_{\neg e_{1,4}, e_{2,4}} \vee \neg t_{\neg e_{1,4}, \neg e_{2,4}}$
3306. $e_{1,4}, \neg e_{1,4} \vee \neg e_{4,5} \vee e_{2,4} \vdash \neg e_{4,5} \vee e_{2,4}$
3307. $e_{1,4}, \neg t_{\neg e_{1,4}, e_{2,4}} \vee \neg e_{1,4} \vee \neg e_{4,5} \vdash \neg e_{4,5} \vee \neg t_{\neg e_{1,4}, e_{2,4}}$
3308. $e_{1,4}, e_{4,6} \vee \neg e_{2,4} \vee \neg e_{1,4} \vdash e_{4,6} \vee \neg e_{2,4}$
3309. $e_{1,4}, \neg e_{2,4} \vee \neg e_{1,4} \vee \neg e_{4,5} \vdash \neg e_{4,5} \vee \neg e_{2,4}$
3310. $e_{1,4}, e_{4,5} \vee \neg t_{\neg e_{1,4}, e_{2,4}} \vee \neg e_{1,4} \vdash \neg t_{\neg e_{1,4}, e_{2,4}} \vee e_{4,5}$
3311. $e_{1,4}, t_{e_{1,4}, \neg e_{2,4}} \vee e_{4,6} \vee \neg e_{1,4} \vdash t_{e_{1,4}, \neg e_{2,4}} \vee e_{4,6}$
3312. $e_{1,4}, e_{4,5} \vee \neg e_{1,4} \vee e_{2,4} \vdash e_{2,4} \vee e_{4,5}$

3313. $e_{1,4}, t_{e_{1,4}, \neg e_{2,4}} \vee \neg e_{4,5} \vee \neg e_{1,4} \vdash \neg e_{4,5} \vee t_{e_{1,4}, \neg e_{2,4}}$
3314. $e_{1,4}, \neg t_{\neg e_{1,4}, e_{2,4}} \vee \neg e_{4,6} \vee \neg e_{1,4} \vdash \neg t_{\neg e_{1,4}, e_{2,4}} \vee \neg e_{4,6}$
3315. $e_{1,4}, e_{4,6} \vee \neg e_{1,4} \vee e_{2,4} \vdash e_{4,6} \vee e_{2,4}$
3316. $e_{1,4}, t_{e_{1,4}, \neg e_{2,4}} \vee \neg e_{4,6} \vee \neg e_{1,4} \vdash t_{e_{1,4}, \neg e_{2,4}} \vee \neg e_{4,6}$
3317. $e_{1,4}, \neg e_{4,6} \vee \neg e_{1,4} \vee e_{2,4} \vdash e_{2,4} \vee \neg e_{4,6}$
3318. $e_{1,4}, \neg e_{2,4} \vee \neg e_{4,6} \vee \neg e_{1,4} \vdash \neg e_{4,6} \vee \neg e_{2,4}$
3319. $e_{1,4}, t_{e_{1,4}, e_{2,4}} \vee \neg t_{\neg e_{1,4}, e_{2,4}} \vee \neg e_{1,4} \vdash t_{e_{1,4}, e_{2,4}} \vee \neg t_{\neg e_{1,4}, e_{2,4}}$
3320. $e_{1,4}, \neg t_{\neg e_{1,4}, e_{2,4}} \vee t_{\neg e_{1,4}, e_{2,4}} \vee \neg e_{1,4} \vdash t_{\neg e_{1,4}, e_{2,4}} \vee \neg t_{\neg e_{1,4}, e_{2,4}}$
3321. $e_{1,4}, t_{e_{1,4}, \neg e_{2,4}} \vee e_{4,5} \vee \neg e_{1,4} \vdash t_{e_{1,4}, \neg e_{2,4}} \vee e_{4,5}$
3322. $e_{1,4}, \neg t_{\neg e_{1,4}, \neg e_{2,4}} \vee t_{\neg e_{1,4}, \neg e_{2,4}} \vee \neg e_{1,4} \vdash \neg t_{\neg e_{1,4}, \neg e_{2,4}} \vee t_{\neg e_{1,4}, \neg e_{2,4}}$
3323. $e_{1,4}, e_{4,5} \vee \neg e_{2,4} \vee \neg e_{1,4} \vdash \neg e_{2,4} \vee e_{4,5}$
3324. $e_{2,4}, \neg e_{2,4} \vee e_{4,5} \vee \neg t_{e_{1,4}, \neg e_{2,4}} \vdash e_{4,5} \vee \neg t_{e_{1,4}, \neg e_{2,4}}$
3325. $e_{2,4}, e_{4,5} \vee \neg e_{2,4} \vee e_{1,4} \vdash e_{1,4} \vee e_{4,5}$
3326. $e_{2,4}, e_{4,6} \vee \neg e_{2,4} \vee t_{\neg e_{1,4}, e_{2,4}} \vdash e_{4,6} \vee t_{\neg e_{1,4}, e_{2,4}}$
3327. $e_{2,4}, t_{e_{1,4}, \neg e_{2,4}} \vee \neg e_{2,4} \vee \neg t_{e_{1,4}, \neg e_{2,4}} \vdash t_{e_{1,4}, \neg e_{2,4}} \vee \neg t_{e_{1,4}, \neg e_{2,4}}$
3328. $e_{2,4}, \neg e_{2,4} \vee t_{\neg e_{1,4}, e_{2,4}} \vee \neg e_{4,5} \vdash \neg e_{4,5} \vee t_{\neg e_{1,4}, e_{2,4}}$
3329. $e_{2,4}, e_{4,6} \vee \neg e_{2,4} \vee \neg t_{e_{1,4}, \neg e_{2,4}} \vdash e_{4,6} \vee \neg t_{e_{1,4}, \neg e_{2,4}}$
3330. $e_{2,4}, e_{4,6} \vee \neg e_{2,4} \vee \neg e_{1,4} \vdash \neg e_{1,4} \vee e_{4,6}$
3331. $e_{2,4}, \neg e_{2,4} \vee \neg e_{1,4} \vee \neg e_{4,5} \vdash \neg e_{4,5} \vee \neg e_{1,4}$
3332. $e_{2,4}, \neg e_{2,4} \vee \neg e_{4,6} \vee \neg t_{e_{1,4}, \neg e_{2,4}} \vdash \neg e_{4,6} \vee \neg t_{e_{1,4}, \neg e_{2,4}}$
3333. $e_{2,4}, \neg e_{2,4} \vee \neg t_{e_{1,4}, \neg e_{2,4}} \vee \neg t_{\neg e_{1,4}, \neg e_{2,4}} \vdash \neg t_{\neg e_{1,4}, \neg e_{2,4}} \vee \neg t_{e_{1,4}, \neg e_{2,4}}$
3334. $e_{2,4}, \neg e_{2,4} \vee \neg t_{e_{1,4}, \neg e_{2,4}} \vee \neg e_{4,5} \vdash \neg e_{4,5} \vee \neg t_{e_{1,4}, \neg e_{2,4}}$
3335. $e_{2,4}, \neg e_{2,4} \vee \neg e_{4,6} \vee t_{\neg e_{1,4}, e_{2,4}} \vdash \neg e_{4,6} \vee t_{\neg e_{1,4}, e_{2,4}}$
3336. $e_{2,4}, \neg e_{2,4} \vee \neg t_{\neg e_{1,4}, \neg e_{2,4}} \vee \neg t_{e_{1,4}, \neg e_{2,4}} \vdash \neg t_{e_{1,4}, \neg e_{2,4}} \vee \neg t_{\neg e_{1,4}, \neg e_{2,4}}$
3337. $e_{2,4}, \neg e_{2,4} \vee e_{4,5} \vee t_{\neg e_{1,4}, e_{2,4}} \vdash t_{\neg e_{1,4}, e_{2,4}} \vee e_{4,5}$
3338. $e_{2,4}, t_{e_{1,4}, e_{2,4}} \vee \neg e_{2,4} \vee \neg t_{e_{1,4}, \neg e_{2,4}} \vdash t_{e_{1,4}, e_{2,4}} \vee \neg t_{e_{1,4}, \neg e_{2,4}}$
3339. $e_{2,4}, \neg e_{2,4} \vee \neg e_{4,6} \vee \neg e_{1,4} \vdash \neg e_{4,6} \vee \neg e_{1,4}$

3340. $e_{2,4}, \neg e_{2,4} \vee \neg e_{4,5} \vee e_{1,4} \vdash \neg e_{4,5} \vee e_{1,4}$
3341. $e_{2,4}, \neg e_{2,4} \vee \neg e_{4,6} \vee e_{1,4} \vdash \neg e_{4,6} \vee e_{1,4}$
3342. $e_{2,4}, e_{4,6} \vee \neg e_{2,4} \vee e_{1,4} \vdash e_{4,6} \vee e_{1,4}$
3343. $e_{2,4}, \neg e_{2,4} \vee \neg t_{\neg e_{1,4}, \neg e_{2,4}} \vee t_{\neg e_{1,4}, \neg e_{2,4}} \vdash t_{\neg e_{1,4}, \neg e_{2,4}} \vee \neg t_{\neg e_{1,4}, \neg e_{2,4}}$
3344. $e_{2,4}, \neg e_{2,4} \vee t_{\neg e_{1,4}, e_{2,4}} \vee \neg t_{\neg e_{1,4}, \neg e_{2,4}} \vdash t_{\neg e_{1,4}, e_{2,4}} \vee \neg t_{\neg e_{1,4}, \neg e_{2,4}}$
3345. $e_{2,4}, e_{4,5} \vee \neg e_{2,4} \vee \neg e_{1,4} \vdash \neg e_{1,4} \vee e_{4,5}$
3346. $t_{e_{1,5}, e_{2,5}}, \neg t_{e_{1,5}, e_{2,5}} \vee e_{2,5} \vee e_{1,2} \vdash e_{2,5} \vee e_{1,2}$
3347. $t_{e_{1,5}, e_{2,5}}, e_{1,5} \vee t_{e_{1,2}, \neg e_{2,3}} \vee \neg t_{e_{1,5}, e_{2,5}} \vdash e_{1,5} \vee t_{e_{1,2}, \neg e_{2,3}}$
3348. $t_{e_{1,5}, e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5}, e_{2,5}} \vee \neg t_{e_{1,5}, \neg e_{2,5}} \vdash \neg t_{e_{1,5}, \neg e_{2,5}} \vee e_{1,5}$
3349. $t_{e_{1,5}, e_{2,5}}, t_{e_{1,5}, \neg e_{2,5}} \vee \neg t_{e_{1,5}, e_{2,5}} \vee e_{2,5} \vdash t_{e_{1,5}, \neg e_{2,5}} \vee e_{2,5}$
3350. $t_{e_{1,5}, e_{2,5}}, \neg t_{\neg e_{1,5}, e_{2,5}} \vee \neg t_{e_{1,5}, e_{2,5}} \vee e_{2,5} \vdash \neg t_{\neg e_{1,5}, e_{2,5}} \vee e_{2,5}$
3351. $t_{e_{1,5}, e_{2,5}}, t_{\neg e_{1,2}, e_{1,3}} \vee \neg t_{e_{1,5}, e_{2,5}} \vee e_{2,5} \vdash e_{2,5} \vee t_{\neg e_{1,2}, e_{1,3}}$
3352. $t_{e_{1,5}, e_{2,5}}, \neg t_{e_{1,5}, e_{2,5}} \vee e_{2,5} \vee t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, \neg e_{1,3}} \vee e_{2,5}$
3353. $t_{e_{1,5}, e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5}, e_{2,5}} \vee e_{2,5} \vdash e_{1,5} \vee e_{2,5}$
3354. $t_{e_{1,5}, e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5}, e_{2,5}} \vee t_{\neg e_{1,5}, e_{2,5}} \vdash e_{1,5} \vee t_{\neg e_{1,5}, e_{2,5}}$
3355. $t_{e_{1,5}, e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5}, e_{2,5}} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash e_{1,5} \vee t_{\neg e_{1,2}, e_{2,3}}$
3356. $t_{e_{1,5}, e_{2,5}}, e_{1,5} \vee t_{e_{1,2}, e_{2,3}} \vee \neg t_{e_{1,5}, e_{2,5}} \vdash e_{1,5} \vee t_{e_{1,2}, e_{2,3}}$
3357. $t_{e_{1,5}, e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5}, e_{2,5}} \vee e_{1,2} \vdash e_{1,5} \vee e_{1,2}$
3358. $t_{e_{1,5}, e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5}, e_{2,5}} \vee e_{2,3} \vdash e_{1,5} \vee e_{2,3}$
3359. $t_{e_{1,5}, e_{2,5}}, t_{e_{1,2}, e_{1,3}} \vee \neg t_{e_{1,5}, e_{2,5}} \vee e_{2,5} \vdash t_{e_{1,2}, e_{1,3}} \vee e_{2,5}$
3360. $t_{e_{1,5}, e_{2,5}}, e_{1,5} \vee \neg t_{e_{1,5}, e_{2,5}} \vee t_{\neg e_{1,2}, \neg e_{2,3}} \vdash e_{1,5} \vee t_{\neg e_{1,2}, \neg e_{2,3}}$
3361. $t_{e_{1,5}, e_{2,5}}, \neg t_{e_{1,5}, e_{2,5}} \vee e_{2,5} \vee e_{1,3} \vdash e_{2,5} \vee e_{1,3}$
3362. $t_{e_{1,5}, e_{2,5}}, \neg t_{e_{1,5}, e_{2,5}} \vee e_{2,5} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash e_{2,5} \vee t_{e_{1,2}, \neg e_{1,3}}$
3363. $e_{2,5}, t_{\neg e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,5} \vee \neg t_{\neg e_{2,5}, e_{2,6}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \vee \neg t_{\neg e_{2,5}, e_{2,6}}$
3364. $e_{2,5}, t_{e_{1,2}, e_{1,3}} \vee \neg e_{2,5} \vee \neg t_{e_{1,5}, \neg e_{2,5}} \vdash \neg t_{e_{1,5}, \neg e_{2,5}} \vee t_{e_{1,2}, e_{1,3}}$
3365. $e_{2,5}, \neg t_{e_{1,2}, \neg e_{2,3}} \vee t_{e_{1,3}, \neg e_{2,3}} \vee \neg e_{2,5} \vdash t_{e_{1,3}, \neg e_{2,3}} \vee \neg t_{e_{1,2}, \neg e_{2,3}}$
3366. $e_{2,5}, t_{\neg e_{1,2}, e_{1,3}} \vee \neg e_{2,5} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \vee t_{e_{1,2}, \neg e_{1,3}}$

3367. $e_{2,5}, \neg e_{5,6} \vee \neg e_{2,5} \vee e_{2,3} \vdash e_{2,3} \vee \neg e_{5,6}$
3368. $e_{2,5}, \neg e_{2,5} \vee t_{e_{1,6}, e_{2,6}} \vee \neg t_{\neg e_{2,5}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \vee \neg t_{\neg e_{2,5}, e_{2,6}}$
3369. $e_{2,5}, \neg t_{e_{1,2}, \neg e_{1,3}} \vee \neg e_{2,5} \vee e_{2,3} \vdash e_{2,3} \vee \neg t_{e_{1,2}, \neg e_{1,3}}$
3370. $e_{2,5}, \neg e_{1,2} \vee t_{\neg e_{1,2}, e_{1,3}} \vee \neg e_{2,5} \vdash \neg e_{1,2} \vee t_{\neg e_{1,2}, e_{1,3}}$
3371. $e_{2,5}, \neg e_{2,5} \vee e_{1,2} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,2} \vee t_{e_{1,2}, \neg e_{1,3}}$
3372. $e_{2,5}, \neg e_{2,5} \vee t_{\neg e_{1,2}, e_{2,3}} \vee e_{1,3} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee e_{1,3}$
3373. $e_{2,5}, \neg t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,5} \vee e_{2,3} \vdash e_{2,3} \vee \neg t_{e_{1,2}, \neg e_{2,3}}$
3374. $e_{2,5}, t_{\neg e_{1,3}, e_{2,3}} \vee \neg e_{2,5} \vee e_{1,3} \vdash e_{1,3} \vee t_{\neg e_{1,3}, e_{2,3}}$
3375. $e_{2,5}, t_{e_{1,3}, \neg e_{2,3}} \vee \neg e_{2,5} \vee e_{1,2} \vdash t_{e_{1,3}, \neg e_{2,3}} \vee e_{1,2}$
3376. $e_{2,5}, t_{e_{1,2}, e_{1,3}} \vee t_{e_{1,3}, e_{2,3}} \vee \neg e_{2,5} \vdash t_{e_{1,3}, e_{2,3}} \vee t_{e_{1,2}, e_{1,3}}$
3377. $e_{2,5}, e_{4,5} \vee \neg e_{2,5} \vee t_{\neg e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,5}, e_{2,5}} \vee e_{4,5}$
3378. $e_{2,5}, t_{e_{1,3}, \neg e_{2,3}} \vee t_{\neg e_{1,3}, e_{2,3}} \vee \neg e_{2,5} \vdash t_{e_{1,3}, \neg e_{2,3}} \vee t_{\neg e_{1,3}, e_{2,3}}$
3379. $e_{2,5}, t_{e_{1,3}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, e_{1,3}} \vee \neg e_{2,5} \vdash t_{e_{1,3}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, e_{1,3}}$
3380. $e_{2,5}, \neg e_{1,2} \vee \neg e_{2,3} \vee \neg e_{2,5} \vdash \neg e_{1,2} \vee \neg e_{2,3}$
3381. $e_{2,5}, e_{5,6} \vee t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,5} \vdash e_{5,6} \vee t_{e_{1,2}, \neg e_{2,3}}$
3382. $e_{2,5}, t_{\neg e_{1,3}, e_{2,3}} \vee \neg e_{2,5} \vee e_{2,3} \vdash e_{2,3} \vee t_{\neg e_{1,3}, e_{2,3}}$
3383. $e_{2,5}, t_{e_{1,3}, e_{2,3}} \vee \neg e_{2,5} \vee e_{1,3} \vdash t_{e_{1,3}, e_{2,3}} \vee e_{1,3}$
3384. $e_{2,5}, \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vee \neg e_{2,5} \vee \neg t_{\neg e_{2,5}, e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vee \neg t_{\neg e_{2,5}, e_{2,6}}$
3385. $e_{2,5}, t_{\neg e_{1,2}, e_{1,3}} \vee \neg e_{2,5} \vee \neg t_{\neg e_{1,5}, \neg e_{2,5}} \vdash \neg t_{\neg e_{1,5}, \neg e_{2,5}} \vee t_{\neg e_{1,2}, e_{1,3}}$
3386. $e_{2,5}, e_{4,5} \vee \neg e_{2,5} \vee \neg t_{e_{1,5}, \neg e_{2,5}} \vdash \neg t_{e_{1,5}, \neg e_{2,5}} \vee e_{4,5}$
3387. $e_{2,5}, \neg t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,5} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \vee t_{e_{1,2}, \neg e_{1,3}}$
3388. $e_{2,5}, \neg e_{2,5} \vee \neg t_{\neg e_{2,5}, e_{2,6}} \vee e_{2,6} \vdash e_{2,6} \vee \neg t_{\neg e_{2,5}, e_{2,6}}$
3389. $e_{2,5}, \neg e_{2,5} \vee e_{2,3} \vee \neg t_{\neg e_{2,5}, e_{2,6}} \vdash e_{2,3} \vee \neg t_{\neg e_{2,5}, e_{2,6}}$
3390. $e_{2,5}, e_{4,5} \vee \neg e_{2,5} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee e_{4,5}$
3391. $e_{2,5}, t_{e_{1,2}, e_{1,3}} \vee \neg e_{2,5} \vee e_{1,3} \vdash t_{e_{1,2}, e_{1,3}} \vee e_{1,3}$
3392. $e_{2,5}, \neg e_{2,3} \vee \neg e_{2,5} \vee e_{1,2} \vdash e_{1,2} \vee \neg e_{2,3}$
3393. $e_{2,5}, \neg e_{2,3} \vee t_{e_{1,3}, e_{2,3}} \vee \neg e_{2,5} \vdash t_{e_{1,3}, e_{2,3}} \vee \neg e_{2,3}$

3394. $e_{2,5}, \neg t_{e_{1,2}, \neg e_{1,3}} \vee \neg e_{2,5} \vee e_{1,3} \vdash e_{1,3} \vee \neg t_{e_{1,2}, \neg e_{1,3}}$
3395. $e_{2,5}, t_{\neg e_{1,2}, e_{1,3}} \vee \neg e_{2,5} \vee e_{2,3} \vdash e_{2,3} \vee t_{\neg e_{1,2}, e_{1,3}}$
3396. $e_{2,5}, e_{5,6} \vee \neg e_{2,5} \vee e_{2,3} \vdash e_{5,6} \vee e_{2,3}$
3397. $e_{2,5}, t_{e_{1,3}, e_{2,3}} \vee \neg e_{2,5} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,3}, e_{2,3}} \vee t_{e_{1,2}, \neg e_{1,3}}$
3398. $e_{2,5}, t_{\neg e_{1,2}, e_{1,3}} \vee \neg t_{\neg e_{1,3}, e_{2,3}} \vee \neg e_{2,5} \vdash t_{\neg e_{1,2}, e_{1,3}} \vee \neg t_{\neg e_{1,3}, e_{2,3}}$
3399. $e_{2,5}, t_{e_{1,2}, e_{1,3}} \vee \neg e_{2,5} \vee e_{2,3} \vdash t_{e_{1,2}, e_{1,3}} \vee e_{2,3}$
3400. $e_{2,5}, \neg e_{1,5} \vee e_{4,5} \vee \neg e_{2,5} \vdash \neg e_{1,5} \vee e_{4,5}$
3401. $e_{2,5}, t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,5} \vee e_{2,3} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee e_{2,3}$
3402. $e_{2,5}, \neg e_{5,6} \vee \neg e_{2,5} \vee \neg t_{e_{1,5}, \neg e_{2,5}} \vdash \neg t_{e_{1,5}, \neg e_{2,5}} \vee \neg e_{5,6}$
3403. $e_{2,5}, \neg e_{2,5} \vee \neg t_{\neg e_{1,5}, \neg e_{2,5}} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,5}, \neg e_{2,5}} \vee t_{e_{1,2}, \neg e_{1,3}}$
3404. $e_{2,5}, \neg e_{2,5} \vee \neg t_{e_{1,5}, \neg e_{2,5}} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,5}, \neg e_{2,5}} \vee t_{e_{1,2}, \neg e_{1,3}}$
3405. $e_{2,5}, t_{e_{1,2}, e_{1,3}} \vee t_{\neg e_{1,3}, e_{2,3}} \vee \neg e_{2,5} \vdash t_{e_{1,2}, e_{1,3}} \vee t_{\neg e_{1,3}, e_{2,3}}$
3406. $e_{2,5}, \neg e_{2,5} \vee e_{2,3} \vee e_{1,2} \vdash e_{2,3} \vee e_{1,2}$
3407. $e_{2,5}, t_{e_{1,3}, \neg e_{2,3}} \vee \neg e_{2,5} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \vee t_{e_{1,2}, \neg e_{1,3}}$
3408. $e_{2,5}, \neg e_{1,2} \vee t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,5} \vdash \neg e_{1,2} \vee t_{e_{1,2}, \neg e_{2,3}}$
3409. $e_{2,5}, e_{5,6} \vee e_{1,5} \vee \neg e_{2,5} \vdash e_{5,6} \vee e_{1,5}$
3410. $e_{2,5}, \neg e_{2,5} \vee e_{1,3} \vee e_{2,3} \vdash e_{1,3} \vee e_{2,3}$
3411. $e_{2,5}, \neg e_{1,2} \vee \neg e_{2,5} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,2} \vee t_{e_{1,2}, \neg e_{1,3}}$
3412. $e_{2,5}, e_{5,6} \vee t_{\neg e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,5} \vdash e_{5,6} \vee t_{\neg e_{1,2}, \neg e_{2,3}}$
3413. $e_{2,5}, t_{e_{1,5}, \neg e_{2,5}} \vee \neg e_{2,5} \vee \neg t_{e_{1,5}, \neg e_{2,5}} \vdash \neg t_{e_{1,5}, \neg e_{2,5}} \vee t_{e_{1,5}, \neg e_{2,5}}$
3414. $e_{2,5}, \neg e_{2,5} \vee t_{\neg e_{1,2}, e_{2,3}} \vee e_{1,2} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee e_{1,2}$
3415. $e_{2,5}, t_{\neg e_{1,2}, e_{1,3}} \vee t_{e_{1,3}, e_{2,3}} \vee \neg e_{2,5} \vdash t_{e_{1,3}, e_{2,3}} \vee t_{\neg e_{1,2}, e_{1,3}}$
3416. $e_{2,5}, \neg e_{1,2} \vee t_{e_{1,3}, \neg e_{2,3}} \vee \neg e_{2,5} \vdash \neg e_{1,2} \vee t_{e_{1,3}, \neg e_{2,3}}$
3417. $e_{2,5}, t_{\neg e_{1,3}, e_{2,3}} \vee t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,5} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,3}, e_{2,3}}$
3418. $e_{2,5}, \neg t_{\neg e_{1,2}, e_{2,3}} \vee \neg e_{2,5} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee \neg t_{\neg e_{1,2}, e_{2,3}}$
3419. $e_{2,5}, t_{\neg e_{1,2}, e_{1,3}} \vee t_{\neg e_{1,3}, e_{2,3}} \vee \neg e_{2,5} \vdash t_{\neg e_{1,2}, e_{1,3}} \vee t_{\neg e_{1,3}, e_{2,3}}$
3420. $e_{2,5}, t_{e_{1,3}, \neg e_{2,3}} \vee t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,5} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee t_{e_{1,3}, \neg e_{2,3}}$

3421. $e_{2,5}, e_{1,2} \vee \neg e_{2,5} \vee \neg t_{\neg e_{2,5}, e_{2,6}} \vdash \neg t_{\neg e_{2,5}, e_{2,6}} \vee e_{1,2}$
3422. $e_{2,5}, \neg e_{2,3} \vee t_{\neg e_{1,3}, e_{2,3}} \vee \neg e_{2,5} \vdash \neg e_{2,3} \vee t_{\neg e_{1,3}, e_{2,3}}$
3423. $e_{2,5}, t_{\neg e_{1,3}, e_{2,3}} \vee \neg e_{2,5} \vee e_{1,2} \vdash e_{1,2} \vee t_{\neg e_{1,3}, e_{2,3}}$
3424. $e_{2,5}, t_{\neg e_{1,3}, e_{2,3}} \vee \neg t_{\neg e_{1,2}, e_{2,3}} \vee \neg e_{2,5} \vdash \neg t_{\neg e_{1,2}, e_{2,3}} \vee t_{\neg e_{1,3}, e_{2,3}}$
3425. $e_{2,5}, t_{\neg e_{1,2}, e_{1,3}} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vee \neg e_{2,5} \vdash t_{\neg e_{1,2}, e_{1,3}} \vee \neg t_{e_{1,2}, \neg e_{1,3}}$
3426. $e_{2,5}, t_{\neg e_{1,2}, e_{1,3}} \vee \neg e_{2,5} \vee e_{1,3} \vdash e_{1,3} \vee t_{\neg e_{1,2}, e_{1,3}}$
3427. $e_{2,5}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2}, e_{2,3}} \vee \neg e_{2,5} \vdash \neg e_{1,2} \vee \neg t_{\neg e_{1,2}, e_{2,3}}$
3428. $e_{2,5}, \neg e_{5,6} \vee t_{e_{1,2}, e_{2,3}} \vee \neg e_{2,5} \vdash \neg e_{5,6} \vee t_{e_{1,2}, e_{2,3}}$
3429. $e_{2,5}, e_{4,5} \vee \neg e_{2,5} \vee e_{2,3} \vdash e_{2,3} \vee e_{4,5}$
3430. $e_{2,5}, t_{\neg e_{1,2}, e_{1,3}} \vee \neg e_{2,5} \vee \neg t_{e_{1,5}, \neg e_{2,5}} \vdash \neg t_{e_{1,5}, \neg e_{2,5}} \vee t_{\neg e_{1,2}, e_{1,3}}$
3431. $e_{2,5}, t_{e_{1,6}, \neg e_{2,6}} \vee \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vee \neg e_{2,5} \vdash t_{e_{1,6}, \neg e_{2,6}} \vee \neg t_{\neg e_{2,5}, \neg e_{2,6}}$
3432. $e_{2,5}, \neg e_{2,5} \vee t_{\neg e_{1,2}, e_{2,3}} \vee \neg t_{\neg e_{2,5}, e_{2,6}} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee \neg t_{\neg e_{2,5}, e_{2,6}}$
3433. $e_{2,5}, \neg e_{5,6} \vee \neg e_{1,5} \vee \neg e_{2,5} \vdash \neg e_{1,5} \vee \neg e_{5,6}$
3434. $e_{2,5}, t_{e_{1,3}, e_{2,3}} \vee t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,5} \vdash t_{e_{1,3}, e_{2,3}} \vee t_{e_{1,2}, \neg e_{2,3}}$
3435. $e_{2,5}, \neg e_{2,5} \vee e_{1,3} \vee e_{1,2} \vdash e_{1,3} \vee e_{1,2}$
3436. $e_{2,5}, \neg e_{1,2} \vee t_{e_{1,2}, e_{1,3}} \vee \neg e_{2,5} \vdash \neg e_{1,2} \vee t_{e_{1,2}, e_{1,3}}$
3437. $e_{2,5}, t_{e_{1,3}, \neg e_{2,3}} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vee \neg e_{2,5} \vdash t_{e_{1,3}, \neg e_{2,3}} \vee \neg t_{e_{1,2}, \neg e_{1,3}}$
3438. $e_{2,5}, t_{e_{1,5}, e_{2,5}} \vee \neg e_{2,5} \vee \neg t_{e_{1,5}, \neg e_{2,5}} \vdash \neg t_{e_{1,5}, \neg e_{2,5}} \vee t_{e_{1,5}, e_{2,5}}$
3439. $e_{2,5}, \neg t_{\neg e_{1,2}, e_{2,3}} \vee \neg e_{2,5} \vee e_{1,3} \vdash e_{1,3} \vee \neg t_{\neg e_{1,2}, e_{2,3}}$
3440. $e_{2,5}, e_{4,5} \vee t_{e_{1,2}, e_{2,3}} \vee \neg e_{2,5} \vdash t_{e_{1,2}, e_{2,3}} \vee e_{4,5}$
3441. $e_{2,5}, \neg e_{1,2} \vee \neg e_{2,5} \vee e_{1,3} \vdash \neg e_{1,2} \vee e_{1,3}$
3442. $e_{2,5}, t_{\neg e_{1,5}, \neg e_{2,5}} \vee \neg e_{2,5} \vee \neg t_{\neg e_{1,5}, \neg e_{2,5}} \vdash \neg t_{\neg e_{1,5}, \neg e_{2,5}} \vee t_{\neg e_{1,5}, \neg e_{2,5}}$
3443. $e_{2,5}, e_{1,5} \vee \neg e_{5,6} \vee \neg e_{2,5} \vdash e_{1,5} \vee \neg e_{5,6}$
3444. $e_{2,5}, \neg t_{e_{1,2}, \neg e_{1,3}} \vee t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,5} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee \neg t_{e_{1,2}, \neg e_{1,3}}$
3445. $e_{2,5}, \neg e_{2,5} \vee t_{\neg e_{1,2}, e_{2,3}} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee t_{e_{1,2}, \neg e_{1,3}}$
3446. $e_{2,5}, \neg e_{2,5} \vee \neg t_{e_{1,5}, \neg e_{2,5}} \vee e_{1,2} \vdash \neg t_{e_{1,5}, \neg e_{2,5}} \vee e_{1,2}$
3447. $e_{2,5}, t_{\neg e_{1,3}, e_{2,3}} \vee \neg e_{2,5} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, \neg e_{1,3}} \vee t_{\neg e_{1,3}, e_{2,3}}$

3448. $e_{2,5}, e_{5,6} \vee \neg e_{1,5} \vee \neg e_{2,5} \vdash e_{5,6} \vee \neg e_{1,5}$
3449. $e_{2,5}, t_{e_{1,2}, e_{1,3}} \vee t_{\neg e_{1,2}, e_{1,3}} \vee \neg e_{2,5} \vdash t_{e_{1,2}, e_{1,3}} \vee t_{\neg e_{1,2}, e_{1,3}}$
3450. $e_{2,5}, \neg e_{2,3} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vee \neg e_{2,5} \vdash \neg e_{2,3} \vee \neg t_{e_{1,2}, \neg e_{1,3}}$
3451. $e_{2,5}, \neg e_{5,6} \vee t_{\neg e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,5} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \vee \neg e_{5,6}$
3452. $e_{2,5}, t_{e_{1,3}, \neg e_{2,3}} \vee t_{e_{1,3}, e_{2,3}} \vee \neg e_{2,5} \vdash t_{e_{1,3}, e_{2,3}} \vee t_{e_{1,3}, \neg e_{2,3}}$
3453. $e_{2,5}, e_{4,5} \vee t_{\neg e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,5} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \vee e_{4,5}$
3454. $e_{2,5}, t_{e_{1,3}, \neg e_{2,3}} \vee \neg t_{\neg e_{1,2}, e_{2,3}} \vee \neg e_{2,5} \vdash t_{e_{1,3}, \neg e_{2,3}} \vee \neg t_{\neg e_{1,2}, e_{2,3}}$
3455. $e_{2,5}, t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,5} \vee e_{1,2} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee e_{1,2}$
3456. $e_{2,5}, e_{4,5} \vee t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,5} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee e_{4,5}$
3457. $e_{2,5}, \neg t_{\neg e_{1,3}, e_{2,3}} \vee \neg e_{2,5} \vee e_{1,2} \vdash e_{1,2} \vee \neg t_{\neg e_{1,3}, e_{2,3}}$
3458. $e_{2,5}, \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vee \neg e_{2,5} \vee e_{2,3} \vdash e_{2,3} \vee \neg t_{\neg e_{2,5}, \neg e_{2,6}}$
3459. $e_{2,5}, t_{e_{1,3}, \neg e_{2,3}} \vee \neg t_{\neg e_{1,3}, e_{2,3}} \vee \neg e_{2,5} \vdash t_{e_{1,3}, \neg e_{2,3}} \vee \neg t_{\neg e_{1,3}, e_{2,3}}$
3460. $e_{2,5}, e_{1,5} \vee \neg e_{2,5} \vee \neg e_{4,5} \vdash e_{1,5} \vee \neg e_{4,5}$
3461. $e_{2,5}, t_{e_{1,2}, e_{1,3}} \vee \neg t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,5} \vdash t_{e_{1,2}, e_{1,3}} \vee \neg t_{e_{1,2}, \neg e_{2,3}}$
3462. $e_{2,5}, \neg e_{1,2} \vee \neg e_{2,5} \vee e_{2,3} \vdash \neg e_{1,2} \vee e_{2,3}$
3463. $e_{2,5}, \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vee t_{e_{1,2}, e_{2,3}} \vee \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vee t_{e_{1,2}, e_{2,3}}$
3464. $e_{2,5}, \neg e_{2,5} \vee \neg e_{4,5} \vee t_{\neg e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,5}, e_{2,5}} \vee \neg e_{4,5}$
3465. $e_{2,5}, e_{5,6} \vee \neg e_{2,5} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash e_{5,6} \vee t_{\neg e_{1,2}, e_{2,3}}$
3466. $e_{2,5}, t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,5} \vee \neg e_{4,5} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{4,5}$
3467. $e_{2,5}, t_{e_{1,3}, \neg e_{2,3}} \vee \neg e_{2,5} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee t_{e_{1,3}, \neg e_{2,3}}$
3468. $e_{2,5}, \neg t_{\neg e_{1,5}, \neg e_{2,5}} \vee \neg e_{2,5} \vee \neg t_{e_{1,5}, \neg e_{2,5}} \vdash \neg t_{\neg e_{1,5}, \neg e_{2,5}} \vee \neg t_{e_{1,5}, \neg e_{2,5}}$
3469. $e_{2,5}, \neg t_{\neg e_{1,3}, e_{2,3}} \vee t_{e_{1,3}, e_{2,3}} \vee \neg e_{2,5} \vdash t_{e_{1,3}, e_{2,3}} \vee \neg t_{\neg e_{1,3}, e_{2,3}}$
3470. $e_{2,5}, \neg e_{1,5} \vee \neg e_{2,5} \vee \neg e_{4,5} \vdash \neg e_{1,5} \vee \neg e_{4,5}$
3471. $e_{2,5}, t_{\neg e_{1,2}, \neg e_{1,3}} \vee \neg e_{2,5} \vee \neg t_{\neg e_{1,5}, \neg e_{2,5}} \vdash \neg t_{\neg e_{1,5}, \neg e_{2,5}} \vee t_{\neg e_{1,2}, \neg e_{1,3}}$
3472. $e_{2,5}, \neg t_{e_{1,2}, \neg e_{1,3}} \vee \neg t_{\neg e_{1,2}, e_{2,3}} \vee \neg e_{2,5} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \vee \neg t_{\neg e_{1,2}, e_{2,3}}$
3473. $e_{2,5}, t_{e_{1,3}, \neg e_{2,3}} \vee \neg e_{2,5} \vee e_{1,3} \vdash e_{1,3} \vee t_{e_{1,3}, \neg e_{2,3}}$
3474. $e_{2,5}, \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vee e_{1,6} \vee \neg e_{2,5} \vdash e_{1,6} \vee \neg t_{\neg e_{2,5}, \neg e_{2,6}}$

3475. $e_{2,5}, t_{\neg e_{1,2}, e_{1,3}} \vee \neg t_{\neg e_{1,2}, e_{2,3}} \vee \neg e_{2,5} \vdash t_{\neg e_{1,2}, e_{1,3}} \vee \neg t_{\neg e_{1,2}, e_{2,3}}$
3476. $e_{2,5}, \neg e_{1,2} \vee \neg t_{\neg e_{1,3}, e_{2,3}} \vee \neg e_{2,5} \vdash \neg e_{1,2} \vee \neg t_{\neg e_{1,3}, e_{2,3}}$
3477. $e_{2,5}, \neg e_{2,5} \vee e_{2,3} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash e_{2,3} \vee t_{e_{1,2}, \neg e_{1,3}}$
3478. $e_{2,5}, \neg e_{2,5} \vee \neg t_{\neg e_{1,5}, \neg e_{2,5}} \vee e_{1,3} \vdash \neg t_{\neg e_{1,5}, \neg e_{2,5}} \vee e_{1,3}$
3479. $e_{2,5}, t_{\neg e_{1,2}, e_{1,3}} \vee \neg e_{2,5} \vee e_{1,2} \vdash e_{1,2} \vee t_{\neg e_{1,2}, e_{1,3}}$
3480. $e_{2,5}, \neg t_{\neg e_{1,2}, e_{2,3}} \vee \neg e_{2,5} \vee e_{1,2} \vdash e_{1,2} \vee \neg t_{\neg e_{1,2}, e_{2,3}}$
3481. $e_{2,5}, \neg e_{5,6} \vee \neg e_{2,5} \vee t_{\neg e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,5}, e_{2,5}} \vee \neg e_{5,6}$
3482. $e_{2,5}, \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vee \neg e_{2,5} \vee e_{1,2} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vee e_{1,2}$
3483. $e_{2,5}, t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,5} \vee \neg t_{\neg e_{2,5}, e_{2,6}} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee \neg t_{\neg e_{2,5}, e_{2,6}}$
3484. $e_{2,5}, \neg t_{\neg e_{1,2}, e_{2,3}} \vee t_{e_{1,3}, e_{2,3}} \vee \neg e_{2,5} \vdash t_{e_{1,3}, e_{2,3}} \vee \neg t_{\neg e_{1,2}, e_{2,3}}$
3485. $e_{2,5}, t_{\neg e_{1,2}, e_{1,3}} \vee \neg e_{2,5} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee t_{\neg e_{1,2}, e_{1,3}}$
3486. $e_{2,5}, e_{5,6} \vee \neg e_{2,5} \vee t_{\neg e_{1,5}, e_{2,5}} \vdash e_{5,6} \vee t_{\neg e_{1,5}, e_{2,5}}$
3487. $e_{2,5}, e_{1,5} \vee e_{4,5} \vee \neg e_{2,5} \vdash e_{1,5} \vee e_{4,5}$
3488. $e_{2,5}, e_{5,6} \vee \neg e_{2,5} \vee \neg t_{e_{1,5}, \neg e_{2,5}} \vdash e_{5,6} \vee \neg t_{e_{1,5}, \neg e_{2,5}}$
3489. $e_{2,5}, \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vee \neg e_{2,5} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee \neg t_{\neg e_{2,5}, \neg e_{2,6}}$
3490. $e_{2,5}, e_{5,6} \vee t_{e_{1,2}, e_{2,3}} \vee \neg e_{2,5} \vdash e_{5,6} \vee t_{e_{1,2}, e_{2,3}}$
3491. $e_{2,5}, \neg t_{e_{1,2}, \neg e_{2,3}} \vee \neg t_{\neg e_{1,3}, e_{2,3}} \vee \neg e_{2,5} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \vee \neg t_{\neg e_{1,3}, e_{2,3}}$
3492. $e_{2,5}, \neg t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,5} \vee e_{1,3} \vdash e_{1,3} \vee \neg t_{e_{1,2}, \neg e_{2,3}}$
3493. $e_{2,5}, \neg t_{e_{1,2}, \neg e_{2,3}} \vee \neg t_{\neg e_{1,2}, e_{2,3}} \vee \neg e_{2,5} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \vee \neg t_{\neg e_{1,2}, e_{2,3}}$
3494. $e_{2,5}, \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vee t_{\neg e_{1,6}, \neg e_{2,6}} \vee \neg e_{2,5} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vee t_{\neg e_{1,6}, \neg e_{2,6}}$
3495. $e_{2,5}, t_{e_{1,2}, e_{1,3}} \vee \neg e_{2,5} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, e_{1,3}} \vee t_{\neg e_{1,2}, e_{2,3}}$
3496. $e_{2,5}, \neg t_{\neg e_{1,3}, e_{2,3}} \vee \neg e_{2,5} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee \neg t_{\neg e_{1,3}, e_{2,3}}$
3497. $e_{2,5}, t_{e_{1,2}, e_{1,3}} \vee t_{e_{1,3}, \neg e_{2,3}} \vee \neg e_{2,5} \vdash t_{e_{1,2}, e_{1,3}} \vee t_{e_{1,3}, \neg e_{2,3}}$
3498. $e_{2,5}, \neg e_{2,3} \vee t_{\neg e_{1,2}, e_{1,3}} \vee \neg e_{2,5} \vdash \neg e_{2,3} \vee t_{\neg e_{1,2}, e_{1,3}}$
3499. $e_{2,5}, \neg t_{\neg e_{1,3}, e_{2,3}} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vee \neg e_{2,5} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \vee \neg t_{\neg e_{1,3}, e_{2,3}}$
3500. $e_{2,5}, t_{e_{1,2}, e_{2,3}} \vee \neg e_{2,5} \vee \neg t_{\neg e_{2,5}, e_{2,6}} \vdash \neg t_{\neg e_{2,5}, e_{2,6}} \vee t_{e_{1,2}, e_{2,3}}$
3501. $e_{2,5}, \neg t_{e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, e_{1,3}} \vee \neg e_{2,5} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, e_{1,3}}$

3502. $e_{2,5}, \neg e_{2,3} \vee \neg e_{2,5} \vee e_{1,3} \vdash e_{1,3} \vee \neg e_{2,3}$
3503. $e_{2,5}, t_{e_{1,2}, e_{2,3}} \vee \neg e_{2,5} \vee \neg e_{4,5} \vdash \neg e_{4,5} \vee t_{e_{1,2}, e_{2,3}}$
3504. $e_{2,5}, t_{e_{1,2}, e_{1,3}} \vee \neg e_{2,5} \vee e_{1,2} \vdash t_{e_{1,2}, e_{1,3}} \vee e_{1,2}$
3505. $e_{2,5}, \neg t_{e_{1,2}, \neg e_{1,3}} \vee \neg e_{2,5} \vee e_{1,2} \vdash e_{1,2} \vee \neg t_{e_{1,2}, \neg e_{1,3}}$
3506. $e_{2,5}, \neg e_{2,5} \vee \neg t_{\neg e_{1,5}, \neg e_{2,5}} \vee e_{1,2} \vdash \neg t_{\neg e_{1,5}, \neg e_{2,5}} \vee e_{1,2}$
3507. $e_{2,5}, \neg e_{2,5} \vee \neg t_{e_{1,5}, \neg e_{2,5}} \vee e_{1,3} \vdash \neg t_{e_{1,5}, \neg e_{2,5}} \vee e_{1,3}$
3508. $e_{2,5}, \neg e_{2,5} \vee \neg t_{\neg e_{1,5}, \neg e_{2,5}} \vee t_{\neg e_{1,5}, e_{2,5}} \vdash \neg t_{\neg e_{1,5}, \neg e_{2,5}} \vee t_{\neg e_{1,5}, e_{2,5}}$
3509. $e_{2,5}, t_{\neg e_{1,2}, \neg e_{1,3}} \vee \neg e_{2,5} \vee \neg t_{e_{1,5}, \neg e_{2,5}} \vdash \neg t_{e_{1,5}, \neg e_{2,5}} \vee t_{\neg e_{1,2}, \neg e_{1,3}}$
3510. $e_{2,5}, \neg e_{2,5} \vee \neg t_{e_{1,5}, \neg e_{2,5}} \vee \neg e_{4,5} \vdash \neg t_{e_{1,5}, \neg e_{2,5}} \vee \neg e_{4,5}$
3511. $e_{2,5}, \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vee t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,5} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee \neg t_{\neg e_{2,5}, \neg e_{2,6}}$
3512. $e_{2,5}, \neg t_{\neg e_{1,3}, e_{2,3}} \vee \neg e_{2,5} \vee e_{1,3} \vdash e_{1,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}}$
3513. $e_{2,5}, t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,5} \vee e_{1,3} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee e_{1,3}$
3514. $e_{2,5}, t_{\neg e_{1,2}, e_{1,3}} \vee t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,5} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, e_{1,3}}$
3515. $e_{2,5}, \neg e_{2,5} \vee t_{\neg e_{1,2}, e_{2,3}} \vee e_{2,3} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee e_{2,3}$
3516. $e_{2,5}, t_{e_{1,3}, \neg e_{2,3}} \vee \neg e_{2,5} \vee e_{2,3} \vdash e_{2,3} \vee t_{e_{1,3}, \neg e_{2,3}}$
3517. $e_{2,5}, t_{e_{1,2}, e_{1,3}} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vee \neg e_{2,5} \vdash t_{e_{1,2}, e_{1,3}} \vee \neg t_{e_{1,2}, \neg e_{1,3}}$
3518. $e_{2,5}, \neg e_{2,5} \vee e_{1,3} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,3} \vee t_{e_{1,2}, \neg e_{1,3}}$
3519. $e_{2,5}, \neg e_{2,3} \vee \neg e_{2,5} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee \neg e_{2,3}$
3520. $e_{2,5}, t_{e_{1,2}, e_{1,3}} \vee \neg e_{2,5} \vee \neg t_{\neg e_{1,5}, \neg e_{2,5}} \vdash \neg t_{\neg e_{1,5}, \neg e_{2,5}} \vee t_{e_{1,2}, e_{1,3}}$
3521. $e_{2,5}, \neg t_{\neg e_{1,2}, e_{2,3}} \vee \neg e_{2,5} \vee e_{2,3} \vdash e_{2,3} \vee \neg t_{\neg e_{1,2}, e_{2,3}}$
3522. $e_{2,5}, t_{e_{1,3}, e_{2,3}} \vee \neg e_{2,5} \vee e_{2,3} \vdash t_{e_{1,3}, e_{2,3}} \vee e_{2,3}$
3523. $e_{2,5}, t_{\neg e_{1,6}, e_{2,6}} \vee \neg e_{2,5} \vee \neg t_{\neg e_{2,5}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \vee \neg t_{\neg e_{2,5}, e_{2,6}}$
3524. $e_{2,5}, \neg e_{5,6} \vee t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,5} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{5,6}$
3525. $e_{2,5}, t_{\neg e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,5} \vee \neg e_{4,5} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \vee \neg e_{4,5}$
3526. $e_{2,5}, \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vee \neg e_{2,5} \vee t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vee t_{\neg e_{1,6}, \neg e_{2,6}}$
3527. $e_{2,5}, \neg e_{2,5} \vee t_{\neg e_{1,2}, e_{2,3}} \vee \neg e_{4,5} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee \neg e_{4,5}$
3528. $e_{2,5}, \neg t_{e_{1,2}, \neg e_{1,3}} \vee \neg e_{2,5} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \vee t_{e_{1,2}, \neg e_{1,3}}$

3529. $e_{2,5}, \neg t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,3} \vee \neg e_{2,5} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,3}$
3530. $e_{2,5}, \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vee t_{\neg e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,5} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \vee \neg t_{\neg e_{2,5}, \neg e_{2,6}}$
3531. $e_{2,5}, \neg e_{5,6} \vee \neg e_{2,5} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee \neg e_{5,6}$
3532. $e_{2,5}, \neg e_{2,5} \vee \neg e_{4,5} \vee e_{2,3} \vdash \neg e_{4,5} \vee e_{2,3}$
3533. $e_{2,5}, t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,5} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, e_{2,3}}$
3534. $e_{2,5}, t_{e_{1,3}, \neg e_{2,3}} \vee \neg e_{2,3} \vee \neg e_{2,5} \vdash t_{e_{1,3}, \neg e_{2,3}} \vee \neg e_{2,3}$
3535. $e_{1,6}, \neg e_{1,6} \vee \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee \neg t_{\neg e_{1,6}, \neg e_{2,6}}$
3536. $e_{1,6}, \neg e_{1,3} \vee \neg e_{1,6} \vee t_{e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,3} \vee t_{e_{1,3}, \neg e_{2,3}}$
3537. $e_{1,6}, \neg e_{1,6} \vee \neg t_{\neg e_{1,2}, e_{1,3}} \vee e_{1,2} \vdash \neg t_{\neg e_{1,2}, e_{1,3}} \vee e_{1,2}$
3538. $e_{1,6}, \neg e_{1,6} \vee \neg e_{5,6} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash \neg e_{5,6} \vee t_{e_{1,2}, \neg e_{1,3}}$
3539. $e_{1,6}, e_{5,6} \vee \neg e_{1,6} \vee t_{e_{1,6}, \neg e_{2,6}} \vdash e_{5,6} \vee t_{e_{1,6}, \neg e_{2,6}}$
3540. $e_{1,6}, \neg e_{1,6} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vee t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee \neg t_{e_{1,2}, \neg e_{1,3}}$
3541. $e_{1,6}, \neg e_{1,6} \vee t_{e_{1,2}, e_{1,3}} \vee \neg t_{e_{1,5}, \neg e_{1,6}} \vdash t_{e_{1,2}, e_{1,3}} \vee \neg t_{e_{1,5}, \neg e_{1,6}}$
3542. $e_{1,6}, e_{5,6} \vee \neg e_{1,6} \vee t_{\neg e_{1,2}, \neg e_{1,3}} \vdash e_{5,6} \vee t_{\neg e_{1,2}, \neg e_{1,3}}$
3543. $e_{1,6}, \neg e_{1,6} \vee \neg t_{e_{1,5}, \neg e_{1,6}} \vee t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,5}, \neg e_{1,6}} \vee t_{\neg e_{1,2}, \neg e_{1,3}}$
3544. $e_{1,6}, \neg e_{1,6} \vee t_{e_{1,3}, \neg e_{2,3}} \vee e_{2,3} \vdash t_{e_{1,3}, \neg e_{2,3}} \vee e_{2,3}$
3545. $e_{1,6}, \neg e_{1,2} \vee \neg e_{1,6} \vee t_{\neg e_{1,3}, e_{2,3}} \vdash \neg e_{1,2} \vee t_{\neg e_{1,3}, e_{2,3}}$
3546. $e_{1,6}, \neg e_{1,6} \vee \neg t_{\neg e_{1,2}, e_{1,3}} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee \neg t_{\neg e_{1,2}, e_{1,3}}$
3547. $e_{1,6}, \neg e_{1,6} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \vee t_{e_{1,2}, \neg e_{1,3}}$
3548. $e_{1,6}, \neg e_{1,2} \vee \neg e_{1,6} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{1,2} \vee t_{\neg e_{1,2}, e_{2,3}}$
3549. $e_{1,6}, \neg e_{1,6} \vee t_{e_{1,6}, \neg e_{2,6}} \vee \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \vee \neg t_{\neg e_{1,6}, \neg e_{2,6}}$
3550. $e_{1,6}, \neg e_{1,6} \vee \neg e_{5,6} \vee e_{2,6} \vdash \neg e_{5,6} \vee e_{2,6}$
3551. $e_{1,6}, \neg e_{1,6} \vee e_{1,2} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,2} \vee t_{e_{1,2}, \neg e_{1,3}}$
3552. $e_{1,6}, \neg e_{1,6} \vee \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vee t_{e_{1,2}, \neg e_{1,3}}$
3553. $e_{1,6}, \neg e_{1,6} \vee \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vee t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vee t_{\neg e_{1,6}, \neg e_{2,6}}$
3554. $e_{1,6}, \neg e_{1,6} \vee \neg t_{\neg e_{1,2}, e_{1,3}} \vee e_{2,3} \vdash e_{2,3} \vee \neg t_{\neg e_{1,2}, e_{1,3}}$
3555. $e_{1,6}, \neg e_{1,6} \vee \neg e_{5,6} \vee e_{1,2} \vdash \neg e_{5,6} \vee e_{1,2}$

3556. $e_{1,6}, \neg e_{1,3} \vee \neg e_{1,6} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{1,3} \vee t_{\neg e_{1,2}, e_{2,3}}$
3557. $e_{1,6}, e_{5,6} \vee \neg e_{1,6} \vee e_{1,2} \vdash e_{5,6} \vee e_{1,2}$
3558. $e_{1,6}, \neg e_{1,6} \vee \neg e_{5,6} \vee e_{1,3} \vdash \neg e_{5,6} \vee e_{1,3}$
3559. $e_{1,6}, \neg e_{1,6} \vee t_{\neg e_{1,2}, e_{2,3}} \vee e_{1,3} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee e_{1,3}$
3560. $e_{1,6}, \neg e_{1,6} \vee t_{e_{1,2}, \neg e_{2,3}} \vee \neg t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee \neg t_{\neg e_{1,6}, e_{2,6}}$
3561. $e_{1,6}, \neg e_{1,2} \vee \neg e_{1,6} \vee e_{1,3} \vdash \neg e_{1,2} \vee e_{1,3}$
3562. $e_{1,6}, \neg e_{1,6} \vee \neg e_{4,6} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, \neg e_{1,3}} \vee \neg e_{4,6}$
3563. $e_{1,6}, \neg e_{1,3} \vee \neg e_{1,6} \vee \neg t_{e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,3} \vee \neg t_{e_{1,2}, \neg e_{2,3}}$
3564. $e_{1,6}, \neg e_{1,6} \vee e_{2,3} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash e_{2,3} \vee t_{e_{1,2}, \neg e_{1,3}}$
3565. $e_{1,6}, \neg e_{1,6} \vee t_{\neg e_{1,2}, \neg e_{2,3}} \vee \neg t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \vee \neg t_{\neg e_{1,6}, e_{2,6}}$
3566. $e_{1,6}, e_{5,6} \vee \neg e_{1,6} \vee \neg t_{\neg e_{1,6}, e_{2,6}} \vdash e_{5,6} \vee \neg t_{\neg e_{1,6}, e_{2,6}}$
3567. $e_{1,6}, \neg e_{1,3} \vee \neg e_{1,6} \vee e_{2,3} \vdash \neg e_{1,3} \vee e_{2,3}$
3568. $e_{1,6}, \neg e_{1,6} \vee t_{e_{1,3}, \neg e_{2,3}} \vee t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee t_{e_{1,3}, \neg e_{2,3}}$
3569. $e_{1,6}, \neg e_{1,6} \vee t_{e_{1,3}, e_{2,3}} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,3}, e_{2,3}} \vee t_{\neg e_{1,2}, e_{2,3}}$
3570. $e_{1,6}, \neg e_{1,6} \vee t_{e_{1,2}, e_{2,3}} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee t_{e_{1,2}, e_{2,3}}$
3571. $e_{1,6}, t_{e_{1,2}, e_{1,3}} \vee \neg e_{1,6} \vee \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vee t_{e_{1,2}, e_{1,3}}$
3572. $e_{1,6}, \neg e_{1,6} \vee t_{e_{1,3}, e_{2,3}} \vee t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,3}, e_{2,3}} \vee t_{e_{1,2}, \neg e_{2,3}}$
3573. $e_{1,6}, \neg e_{1,6} \vee \neg t_{e_{1,3}, \neg e_{2,3}} \vee e_{1,3} \vdash \neg t_{e_{1,3}, \neg e_{2,3}} \vee e_{1,3}$
3574. $e_{1,6}, \neg e_{1,6} \vee \neg t_{e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee \neg t_{e_{1,2}, \neg e_{2,3}}$
3575. $e_{1,6}, \neg e_{1,6} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vee \neg t_{\neg e_{1,2}, e_{1,3}} \vdash \neg t_{\neg e_{1,2}, e_{1,3}} \vee \neg t_{e_{1,2}, \neg e_{1,3}}$
3576. $e_{1,6}, \neg e_{1,6} \vee t_{e_{1,3}, e_{2,3}} \vee \neg t_{\neg e_{1,2}, e_{1,3}} \vdash t_{e_{1,3}, e_{2,3}} \vee \neg t_{\neg e_{1,2}, e_{1,3}}$
3577. $e_{1,6}, \neg e_{1,6} \vee \neg e_{4,6} \vee \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg t_{\neg e_{1,6}, e_{2,6}} \vee \neg e_{4,6}$
3578. $e_{1,6}, \neg e_{1,6} \vee \neg t_{e_{1,5}, \neg e_{1,6}} \vee e_{1,2} \vdash e_{1,2} \vee \neg t_{e_{1,5}, \neg e_{1,6}}$
3579. $e_{1,6}, \neg e_{1,6} \vee \neg e_{4,6} \vee e_{2,6} \vdash e_{2,6} \vee \neg e_{4,6}$
3580. $e_{1,6}, \neg e_{1,6} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vee \neg t_{e_{1,3}, \neg e_{2,3}} \vdash \neg t_{e_{1,3}, \neg e_{2,3}} \vee \neg t_{e_{1,2}, \neg e_{1,3}}$
3581. $e_{1,6}, \neg e_{1,2} \vee \neg e_{1,3} \vee \neg e_{1,6} \vdash \neg e_{1,2} \vee \neg e_{1,3}$
3582. $e_{1,6}, \neg e_{1,6} \vee \neg e_{4,6} \vee t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, \neg e_{1,3}} \vee \neg e_{4,6}$

3583. $e_{1,6}, \neg e_{1,6} \vee t_{\neg e_{1,6}, e_{2,6}} \vee \neg t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \vee \neg t_{\neg e_{1,6}, e_{2,6}}$
3584. $e_{1,6}, \neg e_{1,6} \vee t_{e_{1,3}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee t_{e_{1,3}, \neg e_{2,3}}$
3585. $e_{1,6}, \neg e_{1,6} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vee t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \vee t_{e_{1,2}, e_{2,3}}$
3586. $e_{1,6}, \neg e_{1,6} \vee \neg t_{e_{1,2}, \neg e_{2,3}} \vee \neg t_{\neg e_{1,2}, e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \vee \neg t_{\neg e_{1,2}, e_{1,3}}$
3587. $e_{1,6}, t_{e_{1,2}, e_{1,3}} \vee \neg e_{1,6} \vee \neg t_{e_{1,5}, \neg e_{1,6}} \vdash t_{e_{1,2}, e_{1,3}} \vee \neg t_{e_{1,5}, \neg e_{1,6}}$
3588. $e_{1,6}, \neg e_{1,6} \vee t_{e_{1,5}, e_{2,5}} \vee \neg t_{e_{1,5}, \neg e_{1,6}} \vdash \neg t_{e_{1,5}, \neg e_{1,6}} \vee t_{e_{1,5}, e_{2,5}}$
3589. $e_{1,6}, \neg e_{1,6} \vee \neg t_{e_{1,3}, \neg e_{2,3}} \vee e_{1,2} \vdash \neg t_{e_{1,3}, \neg e_{2,3}} \vee e_{1,2}$
3590. $e_{1,6}, \neg e_{1,6} \vee \neg t_{e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,3}, e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,3}, e_{2,3}}$
3591. $e_{1,6}, \neg e_{1,6} \vee t_{\neg e_{1,3}, e_{2,3}} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \vee t_{\neg e_{1,3}, e_{2,3}}$
3592. $e_{1,6}, \neg e_{1,2} \vee \neg e_{1,6} \vee t_{e_{1,2}, e_{2,3}} \vdash \neg e_{1,2} \vee t_{e_{1,2}, e_{2,3}}$
3593. $e_{1,6}, \neg e_{1,6} \vee t_{\neg e_{1,3}, e_{2,3}} \vee t_{e_{1,3}, e_{2,3}} \vdash t_{e_{1,3}, e_{2,3}} \vee t_{\neg e_{1,3}, e_{2,3}}$
3594. $e_{1,6}, \neg e_{1,6} \vee \neg t_{e_{1,3}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,3}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, e_{2,3}}$
3595. $e_{1,6}, \neg e_{1,6} \vee t_{e_{1,2}, \neg e_{2,3}} \vee e_{2,3} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee e_{2,3}$
3596. $e_{1,6}, \neg e_{1,3} \vee \neg e_{1,6} \vee t_{\neg e_{1,2}, e_{1,3}} \vdash \neg e_{1,3} \vee t_{\neg e_{1,2}, e_{1,3}}$
3597. $e_{1,6}, \neg e_{1,6} \vee t_{\neg e_{1,5}, \neg e_{2,5}} \vee \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vee t_{\neg e_{1,5}, \neg e_{2,5}}$
3598. $e_{1,6}, \neg e_{1,6} \vee \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vee e_{2,3} \vdash \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vee e_{2,3}$
3599. $e_{1,6}, \neg e_{1,6} \vee \neg t_{e_{1,2}, \neg e_{2,3}} \vee e_{2,3} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \vee e_{2,3}$
3600. $e_{1,6}, \neg e_{1,2} \vee \neg e_{1,6} \vee t_{e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,2} \vee t_{e_{1,2}, \neg e_{2,3}}$
3601. $e_{1,6}, \neg e_{1,2} \vee \neg e_{1,6} \vee e_{2,3} \vdash \neg e_{1,2} \vee e_{2,3}$
3602. $e_{1,6}, \neg e_{1,6} \vee t_{\neg e_{1,2}, e_{1,3}} \vee e_{2,3} \vdash e_{2,3} \vee t_{\neg e_{1,2}, e_{1,3}}$
3603. $e_{1,6}, \neg e_{1,6} \vee t_{e_{1,3}, \neg e_{2,3}} \vee e_{1,3} \vdash t_{e_{1,3}, \neg e_{2,3}} \vee e_{1,3}$
3604. $e_{1,6}, \neg e_{1,6} \vee \neg e_{5,6} \vee t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg e_{5,6} \vee t_{\neg e_{1,2}, \neg e_{1,3}}$
3605. $e_{1,6}, \neg e_{1,6} \vee \neg e_{4,6} \vee e_{1,3} \vdash e_{1,3} \vee \neg e_{4,6}$
3606. $e_{1,6}, \neg e_{1,6} \vee \neg t_{e_{1,2}, \neg e_{2,3}} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \vee t_{e_{1,2}, \neg e_{1,3}}$
3607. $e_{1,6}, \neg e_{1,6} \vee t_{e_{1,3}, e_{2,3}} \vee e_{1,3} \vdash t_{e_{1,3}, e_{2,3}} \vee e_{1,3}$
3608. $e_{1,6}, \neg e_{1,6} \vee e_{4,6} \vee e_{1,2} \vdash e_{4,6} \vee e_{1,2}$
3609. $e_{1,6}, \neg e_{1,2} \vee \neg e_{1,6} \vee \neg t_{\neg e_{1,2}, e_{1,3}} \vdash \neg e_{1,2} \vee \neg t_{\neg e_{1,2}, e_{1,3}}$

3610. $e_{1,6}, \neg e_{1,6} \vee t_{\neg e_{1,2}, e_{2,3}} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee t_{e_{1,2}, \neg e_{1,3}}$
3611. $e_{1,6}, \neg e_{1,6} \vee e_{1,2} \vee \neg t_{\neg e_{1,6}, e_{2,6}} \vdash e_{1,2} \vee \neg t_{\neg e_{1,6}, e_{2,6}}$
3612. $e_{1,6}, \neg e_{1,6} \vee t_{e_{1,2}, e_{1,3}} \vee \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vee t_{e_{1,2}, e_{1,3}}$
3613. $e_{1,6}, \neg e_{1,6} \vee t_{\neg e_{1,2}, e_{2,3}} \vee e_{1,2} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee e_{1,2}$
3614. $e_{1,6}, \neg e_{1,6} \vee t_{e_{1,6}, e_{2,6}} \vee \neg t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,6}, e_{2,6}} \vee \neg t_{\neg e_{1,6}, e_{2,6}}$
3615. $e_{1,6}, \neg e_{1,6} \vee t_{\neg e_{1,2}, e_{1,3}} \vee \neg t_{e_{1,3}, \neg e_{2,3}} \vdash \neg t_{e_{1,3}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, e_{1,3}}$
3616. $e_{1,6}, \neg e_{1,6} \vee t_{e_{1,3}, \neg e_{2,3}} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \vee t_{e_{1,2}, \neg e_{1,3}}$
3617. $e_{1,6}, \neg e_{1,6} \vee e_{1,3} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,3} \vee t_{e_{1,2}, \neg e_{1,3}}$
3618. $e_{1,6}, \neg e_{1,6} \vee t_{\neg e_{1,2}, e_{2,3}} \vee \neg t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee \neg t_{\neg e_{1,6}, e_{2,6}}$
3619. $e_{1,6}, \neg e_{1,6} \vee \neg e_{4,6} \vee e_{1,2} \vdash e_{1,2} \vee \neg e_{4,6}$
3620. $e_{1,6}, \neg e_{1,6} \vee t_{e_{1,2}, e_{2,3}} \vee e_{1,2} \vdash e_{1,2} \vee t_{e_{1,2}, e_{2,3}}$
3621. $e_{1,6}, \neg e_{1,6} \vee \neg e_{4,6} \vee \neg e_{2,6} \vdash \neg e_{2,6} \vee \neg e_{4,6}$
3622. $e_{1,6}, \neg e_{1,6} \vee t_{\neg e_{1,2}, e_{1,3}} \vee t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \vee t_{e_{1,2}, e_{2,3}}$
3623. $e_{1,6}, \neg e_{1,6} \vee \neg t_{e_{1,2}, \neg e_{2,3}} \vee e_{1,3} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \vee e_{1,3}$
3624. $e_{1,6}, \neg e_{1,6} \vee \neg t_{e_{1,5}, \neg e_{1,6}} \vee e_{1,3} \vdash \neg t_{e_{1,5}, \neg e_{1,6}} \vee e_{1,3}$
3625. $e_{1,6}, e_{5,6} \vee t_{e_{1,2}, e_{1,3}} \vee \neg e_{1,6} \vdash e_{5,6} \vee t_{e_{1,2}, e_{1,3}}$
3626. $e_{1,6}, \neg e_{1,6} \vee e_{2,5} \vee \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vee e_{2,5}$
3627. $e_{1,6}, \neg e_{1,6} \vee t_{e_{1,6}, \neg e_{2,6}} \vee \neg e_{4,6} \vdash t_{e_{1,6}, \neg e_{2,6}} \vee \neg e_{4,6}$
3628. $e_{1,6}, \neg e_{1,6} \vee \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vee e_{1,2} \vdash \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vee e_{1,2}$
3629. $e_{1,6}, \neg e_{1,6} \vee t_{\neg e_{1,2}, e_{1,3}} \vee t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, e_{1,3}}$
3630. $e_{1,6}, \neg e_{1,6} \vee e_{4,6} \vee e_{1,3} \vdash e_{4,6} \vee e_{1,3}$
3631. $e_{1,6}, t_{e_{1,2}, e_{1,3}} \vee \neg e_{1,6} \vee \neg e_{4,6} \vdash t_{e_{1,2}, e_{1,3}} \vee \neg e_{4,6}$
3632. $e_{1,6}, \neg e_{1,6} \vee t_{e_{1,3}, \neg e_{2,3}} \vee t_{\neg e_{1,3}, e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \vee t_{\neg e_{1,3}, e_{2,3}}$
3633. $e_{1,6}, \neg e_{1,6} \vee t_{\neg e_{1,3}, e_{2,3}} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee t_{\neg e_{1,3}, e_{2,3}}$
3634. $e_{1,6}, \neg e_{1,3} \vee \neg e_{1,6} \vee t_{\neg e_{1,3}, e_{2,3}} \vdash \neg e_{1,3} \vee t_{\neg e_{1,3}, e_{2,3}}$
3635. $e_{1,6}, \neg e_{1,6} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vee e_{2,3} \vdash e_{2,3} \vee \neg t_{e_{1,2}, \neg e_{1,3}}$
3636. $e_{1,6}, e_{5,6} \vee \neg e_{1,6} \vee e_{1,3} \vdash e_{5,6} \vee e_{1,3}$

3637. $e_{1,6}, \neg e_{1,6} \vee \neg t_{e_{1,2}, \neg e_{2,3}} \vee t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \vee t_{e_{1,2}, e_{2,3}}$
3638. $e_{1,6}, \neg e_{1,6} \vee \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vee e_{1,2} \vdash \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vee e_{1,2}$
3639. $e_{1,6}, \neg e_{1,6} \vee \neg t_{e_{1,3}, \neg e_{2,3}} \vee e_{2,3} \vdash \neg t_{e_{1,3}, \neg e_{2,3}} \vee e_{2,3}$
3640. $e_{1,6}, \neg e_{1,6} \vee t_{\neg e_{1,3}, e_{2,3}} \vee t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,3}, e_{2,3}}$
3641. $e_{1,6}, \neg e_{1,6} \vee \neg e_{5,6} \vee t_{\neg e_{1,2}, e_{1,3}} \vdash \neg e_{5,6} \vee t_{\neg e_{1,2}, e_{1,3}}$
3642. $e_{1,6}, \neg e_{1,6} \vee t_{e_{1,3}, \neg e_{2,3}} \vee t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \vee t_{e_{1,2}, e_{2,3}}$
3643. $e_{1,6}, \neg e_{1,6} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee \neg t_{e_{1,2}, \neg e_{1,3}}$
3644. $e_{1,6}, \neg e_{1,6} \vee e_{4,6} \vee \neg t_{\neg e_{1,6}, e_{2,6}} \vdash e_{4,6} \vee \neg t_{\neg e_{1,6}, e_{2,6}}$
3645. $e_{1,6}, \neg e_{1,6} \vee \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vee e_{1,3} \vdash \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vee e_{1,3}$
3646. $e_{1,6}, \neg e_{1,6} \vee e_{4,6} \vee t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \vee e_{4,6}$
3647. $e_{1,6}, \neg e_{1,6} \vee \neg t_{e_{1,2}, \neg e_{2,3}} \vee \neg t_{e_{1,3}, \neg e_{2,3}} \vdash \neg t_{e_{1,3}, \neg e_{2,3}} \vee \neg t_{e_{1,2}, \neg e_{2,3}}$
3648. $e_{1,6}, \neg e_{1,6} \vee t_{e_{1,3}, e_{2,3}} \vee \neg t_{e_{1,3}, \neg e_{2,3}} \vdash t_{e_{1,3}, e_{2,3}} \vee \neg t_{e_{1,3}, \neg e_{2,3}}$
3649. $e_{1,6}, \neg e_{1,6} \vee t_{e_{1,2}, e_{2,3}} \vee \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vee t_{e_{1,2}, e_{2,3}}$
3650. $e_{1,6}, \neg e_{1,6} \vee \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vee t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \vee \neg t_{\neg e_{1,6}, \neg e_{2,6}}$
3651. $e_{1,6}, \neg e_{1,6} \vee t_{\neg e_{1,2}, e_{1,3}} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee t_{\neg e_{1,2}, e_{1,3}}$
3652. $e_{1,6}, \neg e_{1,6} \vee e_{2,3} \vee \neg t_{\neg e_{1,6}, e_{2,6}} \vdash e_{2,3} \vee \neg t_{\neg e_{1,6}, e_{2,6}}$
3653. $e_{1,6}, \neg e_{1,2} \vee \neg e_{1,6} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,2} \vee t_{e_{1,2}, \neg e_{1,3}}$
3654. $e_{1,6}, \neg e_{1,6} \vee t_{e_{1,2}, \neg e_{2,3}} \vee \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee \neg t_{\neg e_{1,6}, \neg e_{2,6}}$
3655. $e_{1,6}, e_{1,5} \vee \neg e_{1,6} \vee \neg t_{e_{1,5}, \neg e_{1,6}} \vdash e_{1,5} \vee \neg t_{e_{1,5}, \neg e_{1,6}}$
3656. $e_{1,6}, \neg e_{1,6} \vee t_{e_{1,3}, e_{2,3}} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,3}, e_{2,3}} \vee t_{e_{1,2}, \neg e_{1,3}}$
3657. $e_{1,6}, \neg e_{1,6} \vee \neg e_{5,6} \vee \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{5,6} \vee \neg t_{\neg e_{1,6}, e_{2,6}}$
3658. $e_{1,6}, \neg e_{1,6} \vee t_{e_{1,5}, \neg e_{2,5}} \vee \neg t_{e_{1,5}, \neg e_{1,6}} \vdash t_{e_{1,5}, \neg e_{2,5}} \vee \neg t_{e_{1,5}, \neg e_{1,6}}$
3659. $e_{1,6}, \neg e_{1,6} \vee \neg e_{5,6} \vee \neg e_{2,6} \vdash \neg e_{2,6} \vee \neg e_{5,6}$
3660. $e_{1,6}, \neg e_{1,6} \vee \neg e_{5,6} \vee t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \vee \neg e_{5,6}$
3661. $e_{1,6}, \neg e_{1,6} \vee e_{2,3} \vee e_{1,2} \vdash e_{2,3} \vee e_{1,2}$
3662. $e_{1,6}, \neg e_{1,6} \vee t_{e_{1,3}, \neg e_{2,3}} \vee \neg t_{\neg e_{1,2}, e_{1,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \vee \neg t_{\neg e_{1,2}, e_{1,3}}$
3663. $e_{1,6}, \neg e_{1,6} \vee t_{\neg e_{1,2}, e_{1,3}} \vee \neg e_{4,6} \vdash t_{\neg e_{1,2}, e_{1,3}} \vee \neg e_{4,6}$

3664. $e_{1,6}, \neg e_{1,6} \vee t_{\neg e_{1,2}, e_{1,3}} \vee \neg t_{e_{1,5}, \neg e_{1,6}} \vdash t_{\neg e_{1,2}, e_{1,3}} \vee \neg t_{e_{1,5}, \neg e_{1,6}}$
3665. $e_{1,6}, \neg e_{1,6} \vee e_{1,3} \vee e_{2,3} \vdash e_{2,3} \vee e_{1,3}$
3666. $e_{1,6}, \neg e_{1,6} \vee e_{1,3} \vee e_{1,2} \vdash e_{1,2} \vee e_{1,3}$
3667. $e_{1,6}, \neg e_{1,6} \vee t_{e_{1,2}, \neg e_{2,3}} \vee e_{1,2} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee e_{1,2}$
3668. $e_{1,6}, \neg e_{1,6} \vee t_{\neg e_{1,3}, e_{2,3}} \vee t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, e_{2,3}} \vee t_{\neg e_{1,3}, e_{2,3}}$
3669. $e_{1,6}, \neg e_{1,2} \vee \neg e_{1,6} \vee \neg t_{e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,2} \vee \neg t_{e_{1,3}, \neg e_{2,3}}$
3670. $e_{1,6}, \neg e_{1,6} \vee \neg t_{e_{1,5}, \neg e_{1,6}} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,5}, \neg e_{1,6}} \vee t_{e_{1,2}, \neg e_{1,3}}$
3671. $e_{1,6}, \neg e_{1,6} \vee t_{\neg e_{1,2}, e_{1,3}} \vee t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \vee t_{\neg e_{1,3}, e_{2,3}}$
3672. $e_{1,6}, e_{5,6} \vee \neg e_{1,6} \vee t_{\neg e_{1,2}, e_{1,3}} \vdash e_{5,6} \vee t_{\neg e_{1,2}, e_{1,3}}$
3673. $e_{1,6}, \neg e_{1,6} \vee t_{e_{1,2}, e_{2,3}} \vee t_{e_{1,3}, e_{2,3}} \vdash t_{e_{1,3}, e_{2,3}} \vee t_{e_{1,2}, e_{2,3}}$
3674. $e_{1,6}, \neg e_{1,6} \vee e_{4,6} \vee t_{\neg e_{1,2}, \neg e_{1,3}} \vdash e_{4,6} \vee t_{\neg e_{1,2}, \neg e_{1,3}}$
3675. $e_{1,6}, \neg e_{1,3} \vee \neg e_{1,6} \vee e_{1,2} \vdash \neg e_{1,3} \vee e_{1,2}$
3676. $e_{1,6}, \neg e_{1,6} \vee t_{\neg e_{1,2}, e_{2,3}} \vee e_{2,3} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee e_{2,3}$
3677. $e_{1,6}, e_{5,6} \vee \neg e_{1,6} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash e_{5,6} \vee t_{e_{1,2}, \neg e_{1,3}}$
3678. $e_{1,6}, \neg e_{1,6} \vee t_{\neg e_{1,3}, e_{2,3}} \vee e_{1,2} \vdash e_{1,2} \vee t_{\neg e_{1,3}, e_{2,3}}$
3679. $e_{1,6}, \neg e_{1,6} \vee t_{e_{1,2}, e_{2,3}} \vee \neg t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,2}, e_{2,3}} \vee \neg t_{\neg e_{1,6}, e_{2,6}}$
3680. $e_{1,6}, \neg e_{1,6} \vee \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vee \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vee \neg t_{\neg e_{1,6}, e_{2,6}}$
3681. $e_{1,6}, \neg e_{1,6} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vee e_{1,3} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \vee e_{1,3}$
3682. $e_{1,6}, \neg e_{1,6} \vee t_{\neg e_{1,3}, e_{2,3}} \vee e_{1,3} \vdash e_{1,3} \vee t_{\neg e_{1,3}, e_{2,3}}$
3683. $e_{1,6}, \neg e_{1,6} \vee t_{\neg e_{1,3}, e_{2,3}} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, \neg e_{1,3}} \vee t_{\neg e_{1,3}, e_{2,3}}$
3684. $e_{1,6}, \neg e_{1,6} \vee t_{e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, e_{2,3}}$
3685. $e_{1,6}, \neg e_{1,6} \vee t_{\neg e_{1,2}, \neg e_{1,3}} \vee \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vee t_{\neg e_{1,2}, \neg e_{1,3}}$
3686. $e_{1,6}, \neg e_{1,6} \vee t_{\neg e_{1,2}, e_{1,3}} \vee \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vee t_{\neg e_{1,2}, e_{1,3}}$
3687. $e_{1,6}, \neg e_{1,6} \vee t_{e_{1,3}, e_{2,3}} \vee e_{2,3} \vdash t_{e_{1,3}, e_{2,3}} \vee e_{2,3}$
3688. $e_{1,6}, t_{e_{1,2}, e_{1,3}} \vee \neg e_{1,6} \vee e_{4,6} \vdash t_{e_{1,2}, e_{1,3}} \vee e_{4,6}$
3689. $e_{1,6}, \neg e_{1,6} \vee t_{\neg e_{1,3}, e_{2,3}} \vee \neg t_{\neg e_{1,2}, e_{1,3}} \vdash \neg t_{\neg e_{1,2}, e_{1,3}} \vee t_{\neg e_{1,3}, e_{2,3}}$
3690. $e_{1,6}, \neg e_{1,6} \vee t_{\neg e_{1,2}, e_{1,3}} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \vee t_{e_{1,2}, \neg e_{1,3}}$

3691. $e_{1,6}, e_{5,6} \vee \neg e_{1,6} \vee e_{2,6} \vdash e_{5,6} \vee e_{2,6}$
3692. $e_{1,6}, t_{e_{1,2}, e_{1,3}} \vee \neg e_{1,6} \vee \neg e_{5,6} \vdash t_{e_{1,2}, e_{1,3}} \vee \neg e_{5,6}$
3693. $e_{1,6}, \neg e_{1,6} \vee \neg t_{e_{1,2}, \neg e_{2,3}} \vee t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee \neg t_{e_{1,2}, \neg e_{2,3}}$
3694. $e_{1,6}, \neg e_{1,3} \vee \neg e_{1,6} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,3} \vee \neg t_{e_{1,2}, \neg e_{1,3}}$
3695. $e_{1,6}, e_{5,6} \vee \neg e_{1,6} \vee \neg e_{2,6} \vdash e_{5,6} \vee \neg e_{2,6}$
3696. $e_{1,6}, \neg e_{1,6} \vee e_{4,6} \vee t_{\neg e_{1,2}, e_{1,3}} \vdash e_{4,6} \vee t_{\neg e_{1,2}, e_{1,3}}$
3697. $e_{1,6}, \neg e_{1,6} \vee \neg t_{e_{1,5}, \neg e_{1,6}} \vee \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vee \neg t_{e_{1,5}, \neg e_{1,6}}$
3698. $e_{1,6}, \neg e_{1,6} \vee e_{4,6} \vee \neg e_{2,6} \vdash \neg e_{2,6} \vee e_{4,6}$
3699. $e_{1,6}, \neg e_{1,6} \vee \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vee t_{\neg e_{1,5}, e_{2,5}} \vdash \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vee t_{\neg e_{1,5}, e_{2,5}}$
3700. $e_{1,6}, \neg e_{1,6} \vee t_{e_{1,2}, e_{2,3}} \vee e_{1,3} \vdash t_{e_{1,2}, e_{2,3}} \vee e_{1,3}$
3701. $e_{1,6}, \neg e_{1,6} \vee t_{e_{1,2}, e_{2,3}} \vee e_{2,3} \vdash e_{2,3} \vee t_{e_{1,2}, e_{2,3}}$
3702. $e_{1,6}, \neg e_{1,3} \vee \neg e_{1,6} \vee t_{e_{1,3}, e_{2,3}} \vdash \neg e_{1,3} \vee t_{e_{1,3}, e_{2,3}}$
3703. $e_{1,6}, \neg e_{1,6} \vee t_{\neg e_{1,2}, e_{1,3}} \vee e_{1,3} \vdash t_{\neg e_{1,2}, e_{1,3}} \vee e_{1,3}$
3704. $e_{1,6}, t_{e_{1,5}, \neg e_{2,5}} \vee \neg e_{1,6} \vee \neg t_{e_{1,5}, \neg e_{1,6}} \vdash t_{e_{1,5}, \neg e_{2,5}} \vee \neg t_{e_{1,5}, \neg e_{1,6}}$
3705. $e_{1,6}, \neg e_{1,6} \vee t_{\neg e_{1,3}, e_{2,3}} \vee \neg t_{e_{1,3}, \neg e_{2,3}} \vdash \neg t_{e_{1,3}, \neg e_{2,3}} \vee t_{\neg e_{1,3}, e_{2,3}}$
3706. $e_{1,6}, \neg e_{1,6} \vee e_{4,6} \vee e_{2,6} \vdash e_{4,6} \vee e_{2,6}$
3707. $e_{1,6}, \neg e_{1,6} \vee e_{4,6} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash e_{4,6} \vee t_{e_{1,2}, \neg e_{1,3}}$
3708. $e_{2,6}, \neg e_{1,2} \vee \neg e_{2,3} \vee \neg e_{2,6} \vdash \neg e_{1,2} \vee \neg e_{2,3}$
3709. $e_{2,6}, e_{5,6} \vee t_{e_{1,2}, e_{2,3}} \vee \neg e_{2,6} \vdash e_{5,6} \vee t_{e_{1,2}, e_{2,3}}$
3710. $e_{2,6}, t_{\neg e_{1,2}, e_{1,3}} \vee t_{e_{1,3}, e_{2,3}} \vee \neg e_{2,6} \vdash t_{e_{1,3}, e_{2,3}} \vee t_{\neg e_{1,2}, e_{1,3}}$
3711. $e_{2,6}, \neg e_{4,6} \vee t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,6} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{4,6}$
3712. $e_{2,6}, t_{\neg e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,6} \vee \neg t_{e_{2,5}, \neg e_{2,6}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \vee \neg t_{e_{2,5}, \neg e_{2,6}}$
3713. $e_{2,6}, t_{e_{1,3}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, e_{2,3}} \vee \neg e_{2,6} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee t_{e_{1,3}, \neg e_{2,3}}$
3714. $e_{2,6}, e_{5,6} \vee e_{1,6} \vee \neg e_{2,6} \vdash e_{5,6} \vee e_{1,6}$
3715. $e_{2,6}, \neg t_{e_{1,2}, \neg e_{2,3}} \vee \neg t_{\neg e_{1,2}, e_{2,3}} \vee \neg e_{2,6} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \vee \neg t_{\neg e_{1,2}, e_{2,3}}$
3716. $e_{2,6}, \neg e_{1,2} \vee e_{1,3} \vee \neg e_{2,6} \vdash \neg e_{1,2} \vee e_{1,3}$
3717. $e_{2,6}, t_{\neg e_{1,2}, e_{1,3}} \vee t_{\neg e_{1,2}, e_{2,3}} \vee \neg e_{2,6} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee t_{\neg e_{1,2}, e_{1,3}}$

3718. $e_{2,6}, t_{e_{1,2}, e_{1,3}} \vee e_{2,3} \vee \neg e_{2,6} \vdash t_{e_{1,2}, e_{1,3}} \vee e_{2,3}$
3719. $e_{2,6}, \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vee e_{1,3} \vee \neg e_{2,6} \vdash e_{1,3} \vee \neg t_{\neg e_{1,6}, \neg e_{2,6}}$
3720. $e_{2,6}, \neg e_{5,6} \vee t_{\neg e_{1,6}, e_{2,6}} \vee \neg e_{2,6} \vdash t_{\neg e_{1,6}, e_{2,6}} \vee \neg e_{5,6}$
3721. $e_{2,6}, \neg t_{e_{1,6}, \neg e_{2,6}} \vee \neg e_{2,6} \vee e_{1,2} \vdash e_{1,2} \vee \neg t_{e_{1,6}, \neg e_{2,6}}$
3722. $e_{2,6}, t_{\neg e_{1,2}, e_{1,3}} \vee t_{\neg e_{1,3}, e_{2,3}} \vee \neg e_{2,6} \vdash t_{\neg e_{1,2}, e_{1,3}} \vee t_{\neg e_{1,3}, e_{2,3}}$
3723. $e_{2,6}, \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vee t_{\neg e_{1,2}, e_{2,3}} \vee \neg e_{2,6} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee \neg t_{\neg e_{2,5}, \neg e_{2,6}}$
3724. $e_{2,6}, e_{2,3} \vee \neg e_{2,6} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash e_{2,3} \vee t_{e_{1,2}, \neg e_{1,3}}$
3725. $e_{2,6}, \neg t_{e_{1,2}, \neg e_{1,3}} \vee \neg e_{2,6} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \vee t_{e_{1,2}, \neg e_{1,3}}$
3726. $e_{2,6}, \neg t_{\neg e_{1,3}, e_{2,3}} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vee \neg e_{2,6} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \vee \neg t_{\neg e_{1,3}, e_{2,3}}$
3727. $e_{2,6}, t_{\neg e_{1,3}, e_{2,3}} \vee \neg e_{2,6} \vee e_{1,2} \vdash e_{1,2} \vee t_{\neg e_{1,3}, e_{2,3}}$
3728. $e_{2,6}, \neg t_{\neg e_{1,2}, e_{2,3}} \vee \neg e_{2,6} \vee e_{1,2} \vdash e_{1,2} \vee \neg t_{\neg e_{1,2}, e_{2,3}}$
3729. $e_{2,6}, \neg e_{2,3} \vee t_{\neg e_{1,3}, e_{2,3}} \vee \neg e_{2,6} \vdash \neg e_{2,3} \vee t_{\neg e_{1,3}, e_{2,3}}$
3730. $e_{2,6}, \neg e_{2,3} \vee \neg e_{2,6} \vee e_{1,2} \vdash e_{1,2} \vee \neg e_{2,3}$
3731. $e_{2,6}, t_{\neg e_{1,2}, e_{1,3}} \vee \neg t_{\neg e_{1,2}, e_{2,3}} \vee \neg e_{2,6} \vdash t_{\neg e_{1,2}, e_{1,3}} \vee \neg t_{\neg e_{1,2}, e_{2,3}}$
3732. $e_{2,6}, \neg e_{1,2} \vee t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,6} \vdash \neg e_{1,2} \vee t_{e_{1,2}, \neg e_{2,3}}$
3733. $e_{2,6}, \neg e_{4,6} \vee \neg e_{2,6} \vee e_{1,2} \vdash e_{1,2} \vee \neg e_{4,6}$
3734. $e_{2,6}, t_{e_{1,3}, \neg e_{2,3}} \vee e_{1,3} \vee \neg e_{2,6} \vdash e_{1,3} \vee t_{e_{1,3}, \neg e_{2,3}}$
3735. $e_{2,6}, \neg t_{e_{1,2}, \neg e_{2,3}} \vee t_{e_{1,3}, \neg e_{2,3}} \vee \neg e_{2,6} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \vee t_{e_{1,3}, \neg e_{2,3}}$
3736. $e_{2,6}, \neg t_{e_{1,2}, \neg e_{2,3}} \vee \neg t_{\neg e_{1,3}, e_{2,3}} \vee \neg e_{2,6} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \vee \neg t_{\neg e_{1,3}, e_{2,3}}$
3737. $e_{2,6}, \neg t_{e_{1,6}, \neg e_{2,6}} \vee \neg e_{2,6} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \vee t_{e_{1,2}, \neg e_{1,3}}$
3738. $e_{2,6}, t_{e_{1,3}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, e_{1,3}} \vee \neg e_{2,6} \vdash t_{e_{1,3}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, e_{1,3}}$
3739. $e_{2,6}, e_{5,6} \vee t_{\neg e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,6} \vdash e_{5,6} \vee t_{\neg e_{1,2}, \neg e_{2,3}}$
3740. $e_{2,6}, t_{e_{1,3}, e_{2,3}} \vee t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,6} \vdash t_{e_{1,3}, e_{2,3}} \vee t_{e_{1,2}, \neg e_{2,3}}$
3741. $e_{2,6}, \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vee \neg e_{2,6} \vee \neg t_{e_{2,5}, \neg e_{2,6}} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vee \neg t_{e_{2,5}, \neg e_{2,6}}$
3742. $e_{2,6}, t_{e_{1,3}, e_{2,3}} \vee e_{2,3} \vee \neg e_{2,6} \vdash t_{e_{1,3}, e_{2,3}} \vee e_{2,3}$
3743. $e_{2,6}, \neg e_{5,6} \vee \neg e_{2,6} \vee e_{1,2} \vdash \neg e_{5,6} \vee e_{1,2}$
3744. $e_{2,6}, \neg e_{1,2} \vee t_{\neg e_{1,2}, e_{1,3}} \vee \neg e_{2,6} \vdash \neg e_{1,2} \vee t_{\neg e_{1,2}, e_{1,3}}$

3745. $e_{2,6}, t_{e_{1,2}, e_{1,3}} \vee t_{\neg e_{1,2}, e_{1,3}} \vee \neg e_{2,6} \vdash t_{e_{1,2}, e_{1,3}} \vee t_{\neg e_{1,2}, e_{1,3}}$
3746. $e_{2,6}, \neg e_{2,3} \vee t_{\neg e_{1,2}, e_{1,3}} \vee \neg e_{2,6} \vdash t_{\neg e_{1,2}, e_{1,3}} \vee \neg e_{2,3}$
3747. $e_{2,6}, t_{e_{1,3}, \neg e_{2,3}} \vee \neg e_{2,3} \vee \neg e_{2,6} \vdash t_{e_{1,3}, \neg e_{2,3}} \vee \neg e_{2,3}$
3748. $e_{2,6}, e_{1,3} \vee \neg e_{2,6} \vee e_{1,2} \vdash e_{1,3} \vee e_{1,2}$
3749. $e_{2,6}, t_{e_{1,3}, \neg e_{2,3}} \vee \neg e_{2,6} \vee e_{1,2} \vdash t_{e_{1,3}, \neg e_{2,3}} \vee e_{1,2}$
3750. $e_{2,6}, e_{4,6} \vee t_{\neg e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,6} \vdash e_{4,6} \vee t_{\neg e_{1,2}, \neg e_{2,3}}$
3751. $e_{2,6}, e_{4,6} \vee t_{\neg e_{1,2}, e_{2,3}} \vee \neg e_{2,6} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee e_{4,6}$
3752. $e_{2,6}, \neg t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,3} \vee \neg e_{2,6} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,3}$
3753. $e_{2,6}, \neg e_{1,2} \vee e_{2,3} \vee \neg e_{2,6} \vdash \neg e_{1,2} \vee e_{2,3}$
3754. $e_{2,6}, \neg t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,6} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \vee t_{e_{1,2}, \neg e_{1,3}}$
3755. $e_{2,6}, \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vee \neg e_{2,6} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vee t_{e_{1,2}, \neg e_{1,3}}$
3756. $e_{2,6}, t_{\neg e_{1,2}, e_{1,3}} \vee \neg t_{\neg e_{1,3}, e_{2,3}} \vee \neg e_{2,6} \vdash t_{\neg e_{1,2}, e_{1,3}} \vee \neg t_{\neg e_{1,3}, e_{2,3}}$
3757. $e_{2,6}, t_{e_{1,3}, \neg e_{2,3}} \vee t_{\neg e_{1,3}, e_{2,3}} \vee \neg e_{2,6} \vdash t_{e_{1,3}, \neg e_{2,3}} \vee t_{\neg e_{1,3}, e_{2,3}}$
3758. $e_{2,6}, \neg e_{5,6} \vee t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,6} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{5,6}$
3759. $e_{2,6}, \neg t_{\neg e_{1,3}, e_{2,3}} \vee t_{e_{1,3}, e_{2,3}} \vee \neg e_{2,6} \vdash t_{e_{1,3}, e_{2,3}} \vee \neg t_{\neg e_{1,3}, e_{2,3}}$
3760. $e_{2,6}, t_{\neg e_{1,5}, \neg e_{2,5}} \vee \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vee \neg e_{2,6} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vee t_{\neg e_{1,5}, \neg e_{2,5}}$
3761. $e_{2,6}, e_{4,6} \vee t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,6} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee e_{4,6}$
3762. $e_{2,6}, \neg e_{1,2} \vee t_{e_{1,3}, \neg e_{2,3}} \vee \neg e_{2,6} \vdash \neg e_{1,2} \vee t_{e_{1,3}, \neg e_{2,3}}$
3763. $e_{2,6}, t_{\neg e_{1,2}, e_{2,3}} \vee \neg e_{2,6} \vee e_{1,2} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee e_{1,2}$
3764. $e_{2,6}, e_{4,6} \vee \neg e_{2,6} \vee e_{1,2} \vdash e_{4,6} \vee e_{1,2}$
3765. $e_{2,6}, e_{2,3} \vee \neg e_{2,6} \vee \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,3} \vee \neg t_{e_{2,5}, \neg e_{2,6}}$
3766. $e_{2,6}, \neg e_{5,6} \vee t_{e_{1,2}, e_{2,3}} \vee \neg e_{2,6} \vdash \neg e_{5,6} \vee t_{e_{1,2}, e_{2,3}}$
3767. $e_{2,6}, \neg e_{2,6} \vee e_{1,2} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,2} \vee t_{e_{1,2}, \neg e_{1,3}}$
3768. $e_{2,6}, t_{e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, e_{2,3}} \vee \neg e_{2,6} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, e_{2,3}}$
3769. $e_{2,6}, \neg t_{\neg e_{1,2}, e_{2,3}} \vee t_{e_{1,3}, e_{2,3}} \vee \neg e_{2,6} \vdash t_{e_{1,3}, e_{2,3}} \vee \neg t_{\neg e_{1,2}, e_{2,3}}$
3770. $e_{2,6}, e_{5,6} \vee \neg e_{2,6} \vee e_{1,2} \vdash e_{5,6} \vee e_{1,2}$
3771. $e_{2,6}, \neg t_{e_{1,6}, \neg e_{2,6}} \vee t_{\neg e_{1,2}, \neg e_{1,3}} \vee \neg e_{2,6} \vdash t_{\neg e_{1,2}, \neg e_{1,3}} \vee \neg t_{e_{1,6}, \neg e_{2,6}}$

3772. $e_{2,6}, t_{e_{1,2}, e_{1,3}} \vee \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vee \neg e_{2,6} \vdash t_{e_{1,2}, e_{1,3}} \vee \neg t_{\neg e_{1,6}, \neg e_{2,6}}$
3773. $e_{2,6}, t_{e_{1,2}, e_{1,3}} \vee \neg t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,6} \vdash t_{e_{1,2}, e_{1,3}} \vee \neg t_{e_{1,2}, \neg e_{2,3}}$
3774. $e_{2,6}, e_{4,6} \vee t_{e_{1,2}, e_{2,3}} \vee \neg e_{2,6} \vdash e_{4,6} \vee t_{e_{1,2}, e_{2,3}}$
3775. $e_{2,6}, \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vee t_{\neg e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,6} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vee t_{\neg e_{1,2}, \neg e_{2,3}}$
3776. $e_{2,6}, \neg t_{e_{1,6}, \neg e_{2,6}} \vee \neg e_{4,6} \vee \neg e_{2,6} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \vee \neg e_{4,6}$
3777. $e_{2,6}, t_{\neg e_{1,2}, e_{2,3}} \vee \neg e_{2,6} \vee \neg t_{e_{2,5}, \neg e_{2,6}} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee \neg t_{e_{2,5}, \neg e_{2,6}}$
3778. $e_{2,6}, t_{e_{1,3}, \neg e_{2,3}} \vee t_{e_{1,3}, e_{2,3}} \vee \neg e_{2,6} \vdash t_{e_{1,3}, e_{2,3}} \vee t_{e_{1,3}, \neg e_{2,3}}$
3779. $e_{2,6}, \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vee \neg e_{2,6} \vee e_{1,2} \vdash \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vee e_{1,2}$
3780. $e_{2,6}, t_{e_{1,2}, \neg e_{2,3}} \vee e_{1,3} \vee \neg e_{2,6} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee e_{1,3}$
3781. $e_{2,6}, t_{e_{1,3}, \neg e_{2,3}} \vee \neg t_{\neg e_{1,3}, e_{2,3}} \vee \neg e_{2,6} \vdash t_{e_{1,3}, \neg e_{2,3}} \vee \neg t_{\neg e_{1,3}, e_{2,3}}$
3782. $e_{2,6}, \neg t_{e_{1,2}, \neg e_{1,3}} \vee e_{1,3} \vee \neg e_{2,6} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \vee e_{1,3}$
3783. $e_{2,6}, t_{\neg e_{1,3}, e_{2,3}} \vee \neg t_{\neg e_{1,2}, e_{2,3}} \vee \neg e_{2,6} \vdash \neg t_{\neg e_{1,2}, e_{2,3}} \vee t_{\neg e_{1,3}, e_{2,3}}$
3784. $e_{2,6}, t_{\neg e_{1,2}, e_{1,3}} \vee \neg e_{2,6} \vee e_{1,2} \vdash e_{1,2} \vee t_{\neg e_{1,2}, e_{1,3}}$
3785. $e_{2,6}, t_{\neg e_{1,2}, e_{1,3}} \vee \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vee \neg e_{2,6} \vdash \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vee t_{\neg e_{1,2}, e_{1,3}}$
3786. $e_{2,6}, \neg e_{1,2} \vee \neg t_{\neg e_{1,3}, e_{2,3}} \vee \neg e_{2,6} \vdash \neg e_{1,2} \vee \neg t_{\neg e_{1,3}, e_{2,3}}$
3787. $e_{2,6}, \neg e_{4,6} \vee t_{\neg e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,6} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \vee \neg e_{4,6}$
3788. $e_{2,6}, t_{e_{1,2}, e_{1,3}} \vee t_{\neg e_{1,2}, e_{2,3}} \vee \neg e_{2,6} \vdash t_{e_{1,2}, e_{1,3}} \vee t_{\neg e_{1,2}, e_{2,3}}$
3789. $e_{2,6}, \neg e_{1,6} \vee \neg e_{4,6} \vee \neg e_{2,6} \vdash \neg e_{1,6} \vee \neg e_{4,6}$
3790. $e_{2,6}, \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vee t_{e_{1,2}, e_{2,3}} \vee \neg e_{2,6} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vee t_{e_{1,2}, e_{2,3}}$
3791. $e_{2,6}, \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vee \neg e_{2,6} \vee t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vee t_{\neg e_{1,6}, \neg e_{2,6}}$
3792. $e_{2,6}, t_{e_{1,3}, \neg e_{2,3}} \vee \neg e_{2,6} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \vee t_{e_{1,2}, \neg e_{1,3}}$
3793. $e_{2,6}, t_{e_{1,6}, \neg e_{2,6}} \vee \neg t_{e_{1,6}, \neg e_{2,6}} \vee \neg e_{2,6} \vdash t_{e_{1,6}, \neg e_{2,6}} \vee \neg t_{e_{1,6}, \neg e_{2,6}}$
3794. $e_{2,6}, \neg e_{5,6} \vee t_{\neg e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,6} \vdash \neg e_{5,6} \vee t_{\neg e_{1,2}, \neg e_{2,3}}$
3795. $e_{2,6}, \neg t_{\neg e_{1,2}, e_{2,3}} \vee t_{\neg e_{1,2}, e_{2,3}} \vee \neg e_{2,6} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee \neg t_{\neg e_{1,2}, e_{2,3}}$
3796. $e_{2,6}, \neg t_{e_{1,6}, \neg e_{2,6}} \vee \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vee \neg e_{2,6} \vdash \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vee \neg t_{e_{1,6}, \neg e_{2,6}}$
3797. $e_{2,6}, \neg e_{2,3} \vee e_{1,3} \vee \neg e_{2,6} \vdash e_{1,3} \vee \neg e_{2,3}$
3798. $e_{2,6}, \neg e_{2,6} \vee e_{1,2} \vee \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{1,2} \vee \neg t_{e_{2,5}, \neg e_{2,6}}$

3799. $e_{2,6}, t_{e_{1,5}, \neg e_{2,5}} \vee \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vee \neg e_{2,6} \vdash t_{e_{1,5}, \neg e_{2,5}} \vee \neg t_{\neg e_{2,5}, \neg e_{2,6}}$
3800. $e_{2,6}, \neg e_{4,6} \vee e_{1,6} \vee \neg e_{2,6} \vdash e_{1,6} \vee \neg e_{4,6}$
3801. $e_{2,6}, \neg t_{\neg e_{1,3}, e_{2,3}} \vee e_{1,3} \vee \neg e_{2,6} \vdash e_{1,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}}$
3802. $e_{2,6}, t_{\neg e_{1,3}, e_{2,3}} \vee e_{1,3} \vee \neg e_{2,6} \vdash e_{1,3} \vee t_{\neg e_{1,3}, e_{2,3}}$
3803. $e_{2,6}, \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vee t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,6} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee \neg t_{\neg e_{2,5}, \neg e_{2,6}}$
3804. $e_{2,6}, t_{\neg e_{1,6}, e_{2,6}} \vee e_{4,6} \vee \neg e_{2,6} \vdash t_{\neg e_{1,6}, e_{2,6}} \vee e_{4,6}$
3805. $e_{2,6}, e_{2,5} \vee \neg e_{2,6} \vee \neg t_{e_{2,5}, \neg e_{2,6}} \vdash e_{2,5} \vee \neg t_{e_{2,5}, \neg e_{2,6}}$
3806. $e_{2,6}, \neg e_{1,2} \vee \neg e_{2,6} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,2} \vee t_{e_{1,2}, \neg e_{1,3}}$
3807. $e_{2,6}, \neg t_{e_{1,2}, \neg e_{2,3}} \vee e_{1,3} \vee \neg e_{2,6} \vdash e_{1,3} \vee \neg t_{e_{1,2}, \neg e_{2,3}}$
3808. $e_{2,6}, \neg t_{e_{1,6}, \neg e_{2,6}} \vee t_{e_{1,6}, e_{2,6}} \vee \neg e_{2,6} \vdash t_{e_{1,6}, e_{2,6}} \vee \neg t_{e_{1,6}, \neg e_{2,6}}$
3809. $e_{2,6}, t_{\neg e_{1,6}, e_{2,6}} \vee \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vee \neg e_{2,6} \vdash \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vee t_{\neg e_{1,6}, e_{2,6}}$
3810. $e_{2,6}, t_{e_{1,2}, e_{2,3}} \vee \neg e_{4,6} \vee \neg e_{2,6} \vdash \neg e_{4,6} \vee t_{e_{1,2}, e_{2,3}}$
3811. $e_{2,6}, \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vee \neg e_{2,6} \vee e_{1,2} \vdash \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vee e_{1,2}$
3812. $e_{2,6}, t_{e_{1,2}, e_{1,3}} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vee \neg e_{2,6} \vdash t_{e_{1,2}, e_{1,3}} \vee \neg t_{e_{1,2}, \neg e_{1,3}}$
3813. $e_{2,6}, \neg t_{e_{1,2}, \neg e_{1,3}} \vee \neg t_{\neg e_{1,2}, e_{2,3}} \vee \neg e_{2,6} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \vee \neg t_{\neg e_{1,2}, e_{2,3}}$
3814. $e_{2,6}, e_{5,6} \vee t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,6} \vdash e_{5,6} \vee t_{e_{1,2}, \neg e_{2,3}}$
3815. $e_{2,6}, \neg e_{5,6} \vee \neg t_{e_{1,6}, \neg e_{2,6}} \vee \neg e_{2,6} \vdash \neg e_{5,6} \vee \neg t_{e_{1,6}, \neg e_{2,6}}$
3816. $e_{2,6}, t_{\neg e_{1,6}, e_{2,6}} \vee \neg e_{4,6} \vee \neg e_{2,6} \vdash t_{\neg e_{1,6}, e_{2,6}} \vee \neg e_{4,6}$
3817. $e_{2,6}, e_{2,3} \vee \neg e_{2,6} \vee e_{1,2} \vdash e_{2,3} \vee e_{1,2}$
3818. $e_{2,6}, e_{5,6} \vee t_{\neg e_{1,2}, e_{2,3}} \vee \neg e_{2,6} \vdash e_{5,6} \vee t_{\neg e_{1,2}, e_{2,3}}$
3819. $e_{2,6}, t_{\neg e_{1,3}, e_{2,3}} \vee t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,6} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,3}, e_{2,3}}$
3820. $e_{2,6}, \neg t_{e_{1,2}, \neg e_{1,3}} \vee \neg e_{2,6} \vee e_{1,2} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \vee e_{1,2}$
3821. $e_{2,6}, t_{\neg e_{1,2}, e_{1,3}} \vee t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,6} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, e_{1,3}}$
3822. $e_{2,6}, \neg e_{1,6} \vee \neg e_{5,6} \vee \neg e_{2,6} \vdash \neg e_{1,6} \vee \neg e_{5,6}$
3823. $e_{2,6}, \neg e_{2,3} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vee \neg e_{2,6} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \vee \neg e_{2,3}$
3824. $e_{2,6}, t_{e_{1,5}, e_{2,5}} \vee \neg e_{2,6} \vee \neg t_{e_{2,5}, \neg e_{2,6}} \vdash \neg t_{e_{2,5}, \neg e_{2,6}} \vee t_{e_{1,5}, e_{2,5}}$
3825. $e_{2,6}, t_{\neg e_{1,3}, e_{2,3}} \vee \neg e_{2,6} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, \neg e_{1,3}} \vee t_{\neg e_{1,3}, e_{2,3}}$

3826. $e_{2,6}, \neg t_{e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, e_{1,3}} \vee \neg e_{2,6} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, e_{1,3}}$
3827. $e_{2,6}, t_{\neg e_{1,3}, e_{2,3}} \vee e_{2,3} \vee \neg e_{2,6} \vdash e_{2,3} \vee t_{\neg e_{1,3}, e_{2,3}}$
3828. $e_{2,6}, t_{e_{1,2}, e_{1,3}} \vee t_{e_{1,3}, \neg e_{2,3}} \vee \neg e_{2,6} \vdash t_{e_{1,2}, e_{1,3}} \vee t_{e_{1,3}, \neg e_{2,3}}$
3829. $e_{2,6}, \neg t_{e_{1,6}, \neg e_{2,6}} \vee e_{1,3} \vee \neg e_{2,6} \vdash e_{1,3} \vee \neg t_{e_{1,6}, \neg e_{2,6}}$
3830. $e_{2,6}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2}, e_{2,3}} \vee \neg e_{2,6} \vdash \neg e_{1,2} \vee \neg t_{\neg e_{1,2}, e_{2,3}}$
3831. $e_{2,6}, \neg e_{2,3} \vee t_{\neg e_{1,2}, e_{2,3}} \vee \neg e_{2,6} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee \neg e_{2,3}$
3832. $e_{2,6}, t_{e_{1,2}, \neg e_{2,3}} \vee e_{2,3} \vee \neg e_{2,6} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee e_{2,3}$
3833. $e_{2,6}, \neg e_{4,6} \vee t_{\neg e_{1,2}, e_{2,3}} \vee \neg e_{2,6} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee \neg e_{4,6}$
3834. $e_{2,6}, t_{e_{1,3}, e_{2,3}} \vee e_{1,3} \vee \neg e_{2,6} \vdash t_{e_{1,3}, e_{2,3}} \vee e_{1,3}$
3835. $e_{2,6}, t_{\neg e_{1,2}, e_{1,3}} \vee \neg t_{e_{1,6}, \neg e_{2,6}} \vee \neg e_{2,6} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \vee t_{\neg e_{1,2}, e_{1,3}}$
3836. $e_{2,6}, \neg t_{\neg e_{1,3}, e_{2,3}} \vee t_{\neg e_{1,2}, e_{2,3}} \vee \neg e_{2,6} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee \neg t_{\neg e_{1,3}, e_{2,3}}$
3837. $e_{2,6}, \neg t_{e_{1,2}, \neg e_{1,3}} \vee e_{2,3} \vee \neg e_{2,6} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \vee e_{2,3}$
3838. $e_{2,6}, t_{\neg e_{1,2}, e_{1,3}} \vee \neg e_{2,6} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \vee t_{e_{1,2}, \neg e_{1,3}}$
3839. $e_{2,6}, t_{e_{1,2}, e_{1,3}} \vee t_{e_{1,3}, e_{2,3}} \vee \neg e_{2,6} \vdash t_{e_{1,3}, e_{2,3}} \vee t_{e_{1,2}, e_{1,3}}$
3840. $e_{2,6}, t_{e_{1,3}, \neg e_{2,3}} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vee \neg e_{2,6} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \vee t_{e_{1,3}, \neg e_{2,3}}$
3841. $e_{2,6}, e_{5,6} \vee t_{\neg e_{1,6}, e_{2,6}} \vee \neg e_{2,6} \vdash e_{5,6} \vee t_{\neg e_{1,6}, e_{2,6}}$
3842. $e_{2,6}, t_{\neg e_{1,2}, e_{2,3}} \vee \neg e_{2,6} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee t_{e_{1,2}, \neg e_{1,3}}$
3843. $e_{2,6}, e_{1,3} \vee \neg e_{2,6} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,3} \vee t_{e_{1,2}, \neg e_{1,3}}$
3844. $e_{2,6}, t_{\neg e_{1,2}, e_{2,3}} \vee e_{1,3} \vee \neg e_{2,6} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee e_{1,3}$
3845. $e_{2,6}, t_{e_{1,3}, \neg e_{2,3}} \vee t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,6} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee t_{e_{1,3}, \neg e_{2,3}}$
3846. $e_{2,6}, t_{\neg e_{1,2}, e_{1,3}} \vee e_{1,3} \vee \neg e_{2,6} \vdash e_{1,3} \vee t_{\neg e_{1,2}, e_{1,3}}$
3847. $e_{2,6}, t_{e_{1,3}, e_{2,3}} \vee \neg e_{2,6} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,3}, e_{2,3}} \vee t_{e_{1,2}, \neg e_{1,3}}$
3848. $e_{2,6}, t_{e_{1,3}, \neg e_{2,3}} \vee \neg t_{\neg e_{1,2}, e_{2,3}} \vee \neg e_{2,6} \vdash t_{e_{1,3}, \neg e_{2,3}} \vee \neg t_{\neg e_{1,2}, e_{2,3}}$
3849. $e_{2,6}, t_{e_{1,2}, e_{1,3}} \vee t_{\neg e_{1,3}, e_{2,3}} \vee \neg e_{2,6} \vdash t_{e_{1,2}, e_{1,3}} \vee t_{\neg e_{1,3}, e_{2,3}}$
3850. $e_{2,6}, t_{e_{1,2}, e_{2,3}} \vee \neg e_{2,6} \vee \neg t_{e_{2,5}, \neg e_{2,6}} \vdash \neg t_{e_{2,5}, \neg e_{2,6}} \vee t_{e_{1,2}, e_{2,3}}$
3851. $e_{2,6}, t_{\neg e_{1,2}, e_{1,3}} \vee e_{2,3} \vee \neg e_{2,6} \vdash e_{2,3} \vee t_{\neg e_{1,2}, e_{1,3}}$
3852. $e_{2,6}, \neg t_{\neg e_{1,3}, e_{2,3}} \vee \neg e_{2,6} \vee e_{1,2} \vdash e_{1,2} \vee \neg t_{\neg e_{1,3}, e_{2,3}}$

3853. $e_{2,6}, e_{5,6} \vee \neg t_{e_{1,6}, \neg e_{2,6}} \vee \neg e_{2,6} \vdash e_{5,6} \vee \neg t_{e_{1,6}, \neg e_{2,6}}$
3854. $e_{2,6}, e_{4,6} \vee \neg t_{e_{1,6}, \neg e_{2,6}} \vee \neg e_{2,6} \vdash e_{4,6} \vee \neg t_{e_{1,6}, \neg e_{2,6}}$
3855. $e_{2,6}, \neg e_{5,6} \vee e_{1,6} \vee \neg e_{2,6} \vdash \neg e_{5,6} \vee e_{1,6}$
3856. $e_{2,6}, t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,6} \vee e_{1,2} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee e_{1,2}$
3857. $e_{2,6}, \neg e_{2,6} \vee t_{\neg e_{1,5}, e_{2,5}} \vee \neg t_{e_{2,5}, \neg e_{2,6}} \vdash t_{\neg e_{1,5}, e_{2,5}} \vee \neg t_{e_{2,5}, \neg e_{2,6}}$
3858. $e_{2,6}, t_{\neg e_{1,2}, e_{1,3}} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vee \neg e_{2,6} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \vee t_{\neg e_{1,2}, e_{1,3}}$
3859. $e_{2,6}, e_{1,5} \vee \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vee \neg e_{2,6} \vdash e_{1,5} \vee \neg t_{\neg e_{2,5}, \neg e_{2,6}}$
3860. $e_{2,6}, e_{5,6} \vee \neg e_{1,6} \vee \neg e_{2,6} \vdash e_{5,6} \vee \neg e_{1,6}$
3861. $e_{2,6}, \neg e_{1,2} \vee t_{e_{1,2}, e_{1,3}} \vee \neg e_{2,6} \vdash \neg e_{1,2} \vee t_{e_{1,2}, e_{1,3}}$
3862. $e_{2,6}, t_{e_{1,2}, e_{1,3}} \vee \neg t_{e_{1,6}, \neg e_{2,6}} \vee \neg e_{2,6} \vdash t_{e_{1,2}, e_{1,3}} \vee \neg t_{e_{1,6}, \neg e_{2,6}}$
3863. $e_{2,6}, t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,6} \vee \neg t_{e_{2,5}, \neg e_{2,6}} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee \neg t_{e_{2,5}, \neg e_{2,6}}$
3864. $e_{2,6}, \neg e_{1,6} \vee e_{4,6} \vee \neg e_{2,6} \vdash \neg e_{1,6} \vee e_{4,6}$
3865. $e_{2,6}, \neg t_{\neg e_{1,2}, e_{2,3}} \vee e_{2,3} \vee \neg e_{2,6} \vdash e_{2,3} \vee \neg t_{\neg e_{1,2}, e_{2,3}}$
3866. $e_{2,6}, \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vee t_{\neg e_{1,2}, \neg e_{1,3}} \vee \neg e_{2,6} \vdash \neg t_{\neg e_{1,6}, \neg e_{2,6}} \vee t_{\neg e_{1,2}, \neg e_{1,3}}$
3867. $e_{2,6}, \neg t_{\neg e_{1,2}, e_{2,3}} \vee e_{1,3} \vee \neg e_{2,6} \vdash e_{1,3} \vee \neg t_{\neg e_{1,2}, e_{2,3}}$
3868. $e_{2,6}, t_{\neg e_{1,2}, e_{2,3}} \vee e_{2,3} \vee \neg e_{2,6} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee e_{2,3}$
3869. $e_{2,6}, \neg e_{5,6} \vee t_{\neg e_{1,2}, e_{2,3}} \vee \neg e_{2,6} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee \neg e_{5,6}$
3870. $e_{2,6}, \neg t_{e_{1,2}, \neg e_{1,3}} \vee t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,6} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \vee t_{e_{1,2}, \neg e_{2,3}}$
3871. $e_{2,6}, \neg t_{\neg e_{2,5}, \neg e_{2,6}} \vee e_{2,3} \vee \neg e_{2,6} \vdash e_{2,3} \vee \neg t_{\neg e_{2,5}, \neg e_{2,6}}$
3872. $e_{2,6}, \neg e_{2,3} \vee t_{e_{1,3}, e_{2,3}} \vee \neg e_{2,6} \vdash t_{e_{1,3}, e_{2,3}} \vee \neg e_{2,3}$
3873. $e_{2,6}, t_{e_{1,3}, \neg e_{2,3}} \vee e_{2,3} \vee \neg e_{2,6} \vdash e_{2,3} \vee t_{e_{1,3}, \neg e_{2,3}}$
3874. $e_{2,6}, e_{1,3} \vee e_{2,3} \vee \neg e_{2,6} \vdash e_{1,3} \vee e_{2,3}$
3875. $e_{2,6}, t_{e_{1,2}, e_{1,3}} \vee \neg e_{2,6} \vee e_{1,2} \vdash t_{e_{1,2}, e_{1,3}} \vee e_{1,2}$
3876. $e_{2,6}, \neg t_{e_{1,2}, \neg e_{2,3}} \vee e_{2,3} \vee \neg e_{2,6} \vdash e_{2,3} \vee \neg t_{e_{1,2}, \neg e_{2,3}}$
3877. $e_{2,6}, t_{e_{1,2}, e_{1,3}} \vee e_{1,3} \vee \neg e_{2,6} \vdash t_{e_{1,2}, e_{1,3}} \vee e_{1,3}$
3878. $e_{2,6}, e_{4,6} \vee e_{1,6} \vee \neg e_{2,6} \vdash e_{4,6} \vee e_{1,6}$
3879. $e_{1,5}, t_{\neg e_{1,3}, e_{2,3}} \vee \neg e_{1,5} \vee t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, e_{2,3}} \vee t_{\neg e_{1,3}, e_{2,3}}$

3880. $e_{1,5}, e_{4,5} \vee \neg e_{1,5} \vee e_{2,5} \vdash e_{2,5} \vee e_{4,5}$
3881. $e_{1,5}, \neg e_{1,5} \vee e_{2,3} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash e_{2,3} \vee t_{e_{1,2}, \neg e_{1,3}}$
3882. $e_{1,5}, t_{\neg e_{1,3}, e_{2,3}} \vee \neg e_{1,5} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee t_{\neg e_{1,3}, e_{2,3}}$
3883. $e_{1,5}, \neg e_{1,5} \vee t_{e_{1,2}, \neg e_{2,3}} \vee \neg t_{\neg e_{1,5}, \neg e_{2,5}} \vdash \neg t_{\neg e_{1,5}, \neg e_{2,5}} \vee t_{e_{1,2}, \neg e_{2,3}}$
3884. $e_{1,5}, \neg e_{1,3} \vee \neg t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{1,5} \vdash \neg e_{1,3} \vee \neg t_{e_{1,2}, \neg e_{2,3}}$
3885. $e_{1,5}, \neg e_{1,5} \vee t_{\neg e_{1,2}, e_{2,3}} \vee e_{1,2} \vdash e_{1,2} \vee t_{\neg e_{1,2}, e_{2,3}}$
3886. $e_{1,5}, t_{e_{1,3}, \neg e_{2,3}} \vee \neg e_{1,5} \vee t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \vee t_{e_{1,2}, \neg e_{2,3}}$
3887. $e_{1,5}, \neg e_{5,6} \vee \neg e_{1,5} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash \neg e_{5,6} \vee t_{e_{1,2}, \neg e_{1,3}}$
3888. $e_{1,5}, \neg e_{1,5} \vee t_{e_{1,3}, e_{2,3}} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee t_{e_{1,3}, e_{2,3}}$
3889. $e_{1,5}, \neg t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{1,5} \vee \neg t_{e_{1,3}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \vee \neg t_{e_{1,3}, \neg e_{2,3}}$
3890. $e_{1,5}, \neg t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{1,5} \vee t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \vee t_{e_{1,2}, \neg e_{2,3}}$
3891. $e_{1,5}, t_{\neg e_{1,3}, e_{2,3}} \vee \neg e_{1,5} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, \neg e_{1,3}} \vee t_{\neg e_{1,3}, e_{2,3}}$
3892. $e_{1,5}, \neg e_{1,5} \vee t_{\neg e_{1,2}, \neg e_{2,3}} \vee \neg t_{\neg e_{1,5}, \neg e_{2,5}} \vdash \neg t_{\neg e_{1,5}, \neg e_{2,5}} \vee t_{\neg e_{1,2}, \neg e_{2,3}}$
3893. $e_{1,5}, \neg e_{1,5} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vee t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee \neg t_{e_{1,2}, \neg e_{1,3}}$
3894. $e_{1,5}, \neg t_{e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,3}, e_{2,3}} \vee \neg e_{1,5} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,3}, e_{2,3}}$
3895. $e_{1,5}, t_{\neg e_{1,2}, e_{1,3}} \vee \neg e_{1,5} \vee e_{2,3} \vdash e_{2,3} \vee t_{\neg e_{1,2}, e_{1,3}}$
3896. $e_{1,5}, t_{\neg e_{1,2}, e_{1,3}} \vee t_{\neg e_{1,3}, e_{2,3}} \vee \neg e_{1,5} \vdash t_{\neg e_{1,2}, e_{1,3}} \vee t_{\neg e_{1,3}, e_{2,3}}$
3897. $e_{1,5}, t_{\neg e_{1,2}, e_{1,3}} \vee \neg e_{1,5} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \vee t_{\neg e_{1,2}, e_{2,3}}$
3898. $e_{1,5}, \neg e_{1,5} \vee \neg t_{e_{1,3}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,3}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, e_{2,3}}$
3899. $e_{1,5}, t_{\neg e_{1,3}, e_{2,3}} \vee \neg e_{1,5} \vee t_{e_{1,3}, e_{2,3}} \vdash t_{e_{1,3}, e_{2,3}} \vee t_{\neg e_{1,3}, e_{2,3}}$
3900. $e_{1,5}, t_{\neg e_{1,2}, e_{1,3}} \vee \neg e_{1,5} \vee t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \vee t_{e_{1,2}, e_{2,3}}$
3901. $e_{1,5}, \neg e_{1,5} \vee t_{e_{1,2}, e_{2,3}} \vee e_{1,2} \vdash e_{1,2} \vee t_{e_{1,2}, e_{2,3}}$
3902. $e_{1,5}, \neg e_{1,5} \vee \neg t_{\neg e_{1,5}, e_{1,6}} \vee \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vee \neg t_{\neg e_{1,5}, e_{1,6}}$
3903. $e_{1,5}, \neg e_{1,2} \vee \neg e_{1,5} \vee \neg t_{e_{1,3}, \neg e_{2,3}} \vdash \neg e_{1,2} \vee \neg t_{e_{1,3}, \neg e_{2,3}}$
3904. $e_{1,5}, \neg e_{1,5} \vee \neg t_{\neg e_{1,5}, e_{2,5}} \vee t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \vee \neg t_{\neg e_{1,5}, e_{2,5}}$
3905. $e_{1,5}, t_{\neg e_{1,2}, e_{1,3}} \vee \neg e_{1,5} \vee t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, e_{1,3}}$
3906. $e_{1,5}, e_{5,6} \vee \neg e_{1,5} \vee e_{2,5} \vdash e_{5,6} \vee e_{2,5}$

3907. $e_{1,5}, \neg e_{5,6} \vee t_{\neg e_{1,2}, e_{1,3}} \vee \neg e_{1,5} \vdash \neg e_{5,6} \vee t_{\neg e_{1,2}, e_{1,3}}$
3908. $e_{1,5}, t_{e_{1,5}, e_{2,5}} \vee \neg e_{1,5} \vee \neg t_{\neg e_{1,5}, e_{2,5}} \vdash \neg t_{\neg e_{1,5}, e_{2,5}} \vee t_{e_{1,5}, e_{2,5}}$
3909. $e_{1,5}, \neg e_{1,5} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vee e_{2,3} \vdash e_{2,3} \vee \neg t_{e_{1,2}, \neg e_{1,3}}$
3910. $e_{1,5}, \neg e_{1,2} \vee \neg e_{1,5} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,2} \vee t_{e_{1,2}, \neg e_{1,3}}$
3911. $e_{1,5}, \neg e_{1,5} \vee e_{1,3} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,3} \vee t_{e_{1,2}, \neg e_{1,3}}$
3912. $e_{1,5}, \neg e_{1,5} \vee t_{e_{1,2}, e_{2,3}} \vee e_{2,3} \vdash e_{2,3} \vee t_{e_{1,2}, e_{2,3}}$
3913. $e_{1,5}, \neg e_{1,5} \vee e_{2,3} \vee e_{1,2} \vdash e_{2,3} \vee e_{1,2}$
3914. $e_{1,5}, \neg e_{1,5} \vee \neg t_{\neg e_{1,5}, e_{2,5}} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee \neg t_{\neg e_{1,5}, e_{2,5}}$
3915. $e_{1,5}, \neg e_{1,2} \vee \neg e_{1,5} \vee e_{2,3} \vdash \neg e_{1,2} \vee e_{2,3}$
3916. $e_{1,5}, \neg e_{1,5} \vee \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vee e_{1,2} \vdash \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vee e_{1,2}$
3917. $e_{1,5}, \neg e_{1,5} \vee \neg t_{\neg e_{1,5}, e_{2,5}} \vee \neg e_{4,5} \vdash \neg e_{4,5} \vee \neg t_{\neg e_{1,5}, e_{2,5}}$
3918. $e_{1,5}, \neg t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{1,5} \vee e_{1,3} \vdash e_{1,3} \vee \neg t_{e_{1,2}, \neg e_{2,3}}$
3919. $e_{1,5}, \neg e_{5,6} \vee \neg e_{1,5} \vee e_{2,5} \vdash \neg e_{5,6} \vee e_{2,5}$
3920. $e_{1,5}, \neg e_{1,5} \vee t_{e_{1,3}, e_{2,3}} \vee t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee t_{e_{1,3}, e_{2,3}}$
3921. $e_{1,5}, e_{5,6} \vee t_{\neg e_{1,2}, e_{1,3}} \vee \neg e_{1,5} \vdash e_{5,6} \vee t_{\neg e_{1,2}, e_{1,3}}$
3922. $e_{1,5}, \neg e_{1,5} \vee t_{\neg e_{1,2}, \neg e_{1,3}} \vee \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vee t_{\neg e_{1,2}, \neg e_{1,3}}$
3923. $e_{1,5}, \neg e_{1,5} \vee \neg t_{\neg e_{1,2}, e_{1,3}} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{\neg e_{1,2}, e_{1,3}} \vee t_{\neg e_{1,2}, e_{2,3}}$
3924. $e_{1,5}, \neg e_{1,5} \vee \neg t_{\neg e_{1,5}, e_{1,6}} \vee e_{1,6} \vdash e_{1,6} \vee \neg t_{\neg e_{1,5}, e_{1,6}}$
3925. $e_{1,5}, t_{e_{1,3}, \neg e_{2,3}} \vee \neg e_{1,5} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \vee t_{e_{1,2}, \neg e_{1,3}}$
3926. $e_{1,5}, \neg e_{1,5} \vee t_{\neg e_{1,2}, e_{2,3}} \vee e_{1,3} \vdash e_{1,3} \vee t_{\neg e_{1,2}, e_{2,3}}$
3927. $e_{1,5}, t_{e_{1,5}, \neg e_{2,5}} \vee \neg e_{5,6} \vee \neg e_{1,5} \vdash t_{e_{1,5}, \neg e_{2,5}} \vee \neg e_{5,6}$
3928. $e_{1,5}, \neg e_{1,3} \vee t_{\neg e_{1,2}, e_{1,3}} \vee \neg e_{1,5} \vdash \neg e_{1,3} \vee t_{\neg e_{1,2}, e_{1,3}}$
3929. $e_{1,5}, \neg e_{1,5} \vee t_{\neg e_{1,2}, \neg e_{1,3}} \vee \neg e_{4,5} \vdash \neg e_{4,5} \vee t_{\neg e_{1,2}, \neg e_{1,3}}$
3930. $e_{1,5}, t_{e_{1,3}, \neg e_{2,3}} \vee t_{\neg e_{1,3}, e_{2,3}} \vee \neg e_{1,5} \vdash t_{e_{1,3}, \neg e_{2,3}} \vee t_{\neg e_{1,3}, e_{2,3}}$
3931. $e_{1,5}, \neg e_{1,5} \vee t_{e_{1,3}, e_{2,3}} \vee e_{2,3} \vdash e_{2,3} \vee t_{e_{1,3}, e_{2,3}}$
3932. $e_{1,5}, \neg e_{1,3} \vee t_{e_{1,3}, \neg e_{2,3}} \vee \neg e_{1,5} \vdash \neg e_{1,3} \vee t_{e_{1,3}, \neg e_{2,3}}$
3933. $e_{1,5}, t_{\neg e_{1,2}, e_{1,3}} \vee e_{4,5} \vee \neg e_{1,5} \vdash t_{\neg e_{1,2}, e_{1,3}} \vee e_{4,5}$

3934. $e_{1,5}, \neg e_{1,5} \vee \neg t_{\neg e_{1,5}, \neg e_{2,5}} \vee e_{1,2} \vdash \neg t_{\neg e_{1,5}, \neg e_{2,5}} \vee e_{1,2}$
3935. $e_{1,5}, e_{5,6} \vee t_{e_{1,2}, e_{1,3}} \vee \neg e_{1,5} \vdash e_{5,6} \vee t_{e_{1,2}, e_{1,3}}$
3936. $e_{1,5}, \neg t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{1,5} \vee \neg t_{\neg e_{1,2}, e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \vee \neg t_{\neg e_{1,2}, e_{1,3}}$
3937. $e_{1,5}, e_{5,6} \vee \neg e_{1,5} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash e_{5,6} \vee t_{e_{1,2}, \neg e_{1,3}}$
3938. $e_{1,5}, \neg e_{1,5} \vee \neg e_{4,5} \vee e_{1,3} \vdash \neg e_{4,5} \vee e_{1,3}$
3939. $e_{1,5}, \neg e_{1,5} \vee e_{4,5} \vee \neg e_{2,5} \vdash \neg e_{2,5} \vee e_{4,5}$
3940. $e_{1,5}, t_{\neg e_{1,6}, e_{2,6}} \vee \neg e_{1,5} \vee \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vee t_{\neg e_{1,6}, e_{2,6}}$
3941. $e_{1,5}, \neg e_{1,5} \vee \neg t_{\neg e_{1,5}, e_{1,6}} \vee t_{e_{1,6}, e_{2,6}} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \vee t_{e_{1,6}, e_{2,6}}$
3942. $e_{1,5}, \neg e_{1,5} \vee t_{e_{1,3}, e_{2,3}} \vee \neg t_{e_{1,3}, \neg e_{2,3}} \vdash \neg t_{e_{1,3}, \neg e_{2,3}} \vee t_{e_{1,3}, e_{2,3}}$
3943. $e_{1,5}, t_{e_{1,3}, \neg e_{2,3}} \vee \neg e_{1,5} \vee t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \vee t_{e_{1,2}, e_{2,3}}$
3944. $e_{1,5}, \neg e_{1,5} \vee \neg t_{\neg e_{1,5}, e_{1,6}} \vee e_{1,3} \vdash e_{1,3} \vee \neg t_{\neg e_{1,5}, e_{1,6}}$
3945. $e_{1,5}, t_{\neg e_{1,2}, e_{1,3}} \vee \neg e_{1,5} \vee \neg t_{\neg e_{1,5}, e_{1,6}} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \vee t_{\neg e_{1,2}, e_{1,3}}$
3946. $e_{1,5}, \neg e_{1,5} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vee e_{1,3} \vdash e_{1,3} \vee \neg t_{e_{1,2}, \neg e_{1,3}}$
3947. $e_{1,5}, \neg t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{1,5} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, e_{2,3}}$
3948. $e_{1,5}, t_{e_{1,3}, \neg e_{2,3}} \vee \neg e_{1,5} \vee e_{1,3} \vdash e_{1,3} \vee t_{e_{1,3}, \neg e_{2,3}}$
3949. $e_{1,5}, \neg e_{1,3} \vee \neg e_{1,5} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{1,3} \vee t_{\neg e_{1,2}, e_{2,3}}$
3950. $e_{1,5}, \neg t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{1,5} \vee t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \vee t_{e_{1,2}, e_{2,3}}$
3951. $e_{1,5}, t_{\neg e_{1,2}, e_{1,3}} \vee \neg e_{1,5} \vee \neg e_{4,5} \vdash \neg e_{4,5} \vee t_{\neg e_{1,2}, e_{1,3}}$
3952. $e_{1,5}, t_{e_{1,2}, e_{1,3}} \vee e_{4,5} \vee \neg e_{1,5} \vdash t_{e_{1,2}, e_{1,3}} \vee e_{4,5}$
3953. $e_{1,5}, \neg e_{1,5} \vee t_{\neg e_{1,2}, e_{2,3}} \vee e_{2,3} \vdash e_{2,3} \vee t_{\neg e_{1,2}, e_{2,3}}$
3954. $e_{1,5}, \neg t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{1,5} \vee e_{2,3} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \vee e_{2,3}$
3955. $e_{1,5}, \neg e_{1,2} \vee \neg e_{1,3} \vee \neg e_{1,5} \vdash \neg e_{1,2} \vee \neg e_{1,3}$
3956. $e_{1,5}, t_{\neg e_{1,3}, e_{2,3}} \vee \neg e_{1,5} \vee t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,3}, e_{2,3}}$
3957. $e_{1,5}, \neg e_{1,5} \vee \neg t_{\neg e_{1,5}, e_{2,5}} \vee \neg t_{\neg e_{1,5}, \neg e_{2,5}} \vdash \neg t_{\neg e_{1,5}, \neg e_{2,5}} \vee \neg t_{\neg e_{1,5}, e_{2,5}}$
3958. $e_{1,5}, \neg e_{1,5} \vee \neg t_{\neg e_{1,5}, \neg e_{2,5}} \vee e_{2,3} \vdash e_{2,3} \vee \neg t_{\neg e_{1,5}, \neg e_{2,5}}$
3959. $e_{1,5}, \neg e_{1,5} \vee \neg t_{\neg e_{1,5}, e_{2,5}} \vee t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee \neg t_{\neg e_{1,5}, e_{2,5}}$
3960. $e_{1,5}, \neg e_{1,5} \vee e_{1,3} \vee e_{2,3} \vdash e_{1,3} \vee e_{2,3}$

3961. $e_{1,5}, \neg e_{1,5} \vee t_{e_{1,2}, e_{2,3}} \vee \neg t_{\neg e_{1,5}, \neg e_{2,5}} \vdash \neg t_{\neg e_{1,5}, \neg e_{2,5}} \vee t_{e_{1,2}, e_{2,3}}$
3962. $e_{1,5}, t_{e_{1,3}, \neg e_{2,3}} \vee \neg e_{1,5} \vee e_{2,3} \vdash e_{2,3} \vee t_{e_{1,3}, \neg e_{2,3}}$
3963. $e_{1,5}, \neg e_{5,6} \vee \neg e_{1,5} \vee \neg t_{\neg e_{1,5}, e_{2,5}} \vdash \neg e_{5,6} \vee \neg t_{\neg e_{1,5}, e_{2,5}}$
3964. $e_{1,5}, e_{4,5} \vee \neg e_{1,5} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, \neg e_{1,3}} \vee e_{4,5}$
3965. $e_{1,5}, \neg t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{1,5} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \vee t_{e_{1,2}, \neg e_{1,3}}$
3966. $e_{1,5}, \neg e_{5,6} \vee \neg e_{1,5} \vee \neg e_{2,5} \vdash \neg e_{5,6} \vee \neg e_{2,5}$
3967. $e_{1,5}, \neg e_{1,5} \vee \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vee t_{\neg e_{1,6}, \neg e_{2,6}} \vdash \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vee t_{\neg e_{1,6}, \neg e_{2,6}}$
3968. $e_{1,5}, t_{\neg e_{1,2}, e_{1,3}} \vee \neg e_{1,5} \vee \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vee t_{\neg e_{1,2}, e_{1,3}}$
3969. $e_{1,5}, \neg e_{1,5} \vee \neg t_{\neg e_{1,5}, e_{2,5}} \vee t_{\neg e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,5}, e_{2,5}} \vee \neg t_{\neg e_{1,5}, e_{2,5}}$
3970. $e_{1,5}, \neg e_{1,5} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vee \neg t_{\neg e_{1,2}, e_{1,3}} \vdash \neg t_{\neg e_{1,2}, e_{1,3}} \vee \neg t_{e_{1,2}, \neg e_{1,3}}$
3971. $e_{1,5}, \neg e_{1,5} \vee t_{e_{1,3}, e_{2,3}} \vee \neg t_{\neg e_{1,2}, e_{1,3}} \vdash \neg t_{\neg e_{1,2}, e_{1,3}} \vee t_{e_{1,3}, e_{2,3}}$
3972. $e_{1,5}, \neg e_{1,5} \vee t_{e_{1,3}, e_{2,3}} \vee e_{1,3} \vdash e_{1,3} \vee t_{e_{1,3}, e_{2,3}}$
3973. $e_{1,5}, e_{5,6} \vee \neg e_{1,5} \vee \neg e_{2,5} \vdash e_{5,6} \vee \neg e_{2,5}$
3974. $e_{1,5}, \neg e_{1,5} \vee \neg t_{\neg e_{1,5}, e_{2,5}} \vee e_{1,2} \vdash e_{1,2} \vee \neg t_{\neg e_{1,5}, e_{2,5}}$
3975. $e_{1,5}, e_{5,6} \vee \neg e_{1,5} \vee t_{\neg e_{1,2}, \neg e_{1,3}} \vdash e_{5,6} \vee t_{\neg e_{1,2}, \neg e_{1,3}}$
3976. $e_{1,5}, \neg e_{1,5} \vee \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vee t_{e_{1,2}, \neg e_{1,3}}$
3977. $e_{1,5}, t_{e_{1,2}, e_{1,3}} \vee \neg e_{5,6} \vee \neg e_{1,5} \vdash \neg e_{5,6} \vee t_{e_{1,2}, e_{1,3}}$
3978. $e_{1,5}, \neg e_{1,5} \vee \neg t_{e_{1,3}, \neg e_{2,3}} \vee e_{1,2} \vdash \neg t_{e_{1,3}, \neg e_{2,3}} \vee e_{1,2}$
3979. $e_{1,5}, \neg e_{1,2} \vee \neg e_{1,5} \vee t_{e_{1,2}, e_{2,3}} \vdash \neg e_{1,2} \vee t_{e_{1,2}, e_{2,3}}$
3980. $e_{1,5}, \neg e_{1,3} \vee t_{\neg e_{1,3}, e_{2,3}} \vee \neg e_{1,5} \vdash \neg e_{1,3} \vee t_{\neg e_{1,3}, e_{2,3}}$
3981. $e_{1,5}, \neg e_{1,5} \vee e_{1,2} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,2} \vee t_{e_{1,2}, \neg e_{1,3}}$
3982. $e_{1,5}, \neg e_{1,5} \vee e_{1,3} \vee e_{1,2} \vdash e_{1,3} \vee e_{1,2}$
3983. $e_{1,5}, e_{5,6} \vee t_{e_{1,5}, \neg e_{2,5}} \vee \neg e_{1,5} \vdash e_{5,6} \vee t_{e_{1,5}, \neg e_{2,5}}$
3984. $e_{1,5}, e_{4,5} \vee \neg e_{1,5} \vee t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, \neg e_{1,3}} \vee e_{4,5}$
3985. $e_{1,5}, t_{e_{1,5}, \neg e_{2,5}} \vee \neg e_{1,5} \vee \neg e_{4,5} \vdash t_{e_{1,5}, \neg e_{2,5}} \vee \neg e_{4,5}$
3986. $e_{1,5}, \neg e_{1,3} \vee \neg e_{1,5} \vee e_{2,3} \vdash \neg e_{1,3} \vee e_{2,3}$
3987. $e_{1,5}, t_{\neg e_{1,5}, \neg e_{2,5}} \vee \neg e_{1,5} \vee \neg t_{\neg e_{1,5}, \neg e_{2,5}} \vdash \neg t_{\neg e_{1,5}, \neg e_{2,5}} \vee t_{\neg e_{1,5}, \neg e_{2,5}}$

3988. $e_{1,5}, t_{e_{1,3}, \neg e_{2,3}} \vee \neg e_{1,5} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, e_{2,3}}$
3989. $e_{1,5}, \neg e_{1,5} \vee \neg t_{e_{1,3}, \neg e_{2,3}} \vee e_{2,3} \vdash \neg t_{e_{1,3}, \neg e_{2,3}} \vee e_{2,3}$
3990. $e_{1,5}, \neg e_{1,5} \vee t_{e_{1,2}, e_{2,3}} \vee t_{e_{1,3}, e_{2,3}} \vdash t_{e_{1,2}, e_{2,3}} \vee t_{e_{1,3}, e_{2,3}}$
3991. $e_{1,5}, e_{5,6} \vee \neg e_{1,5} \vee \neg t_{\neg e_{1,5}, e_{2,5}} \vdash e_{5,6} \vee \neg t_{\neg e_{1,5}, e_{2,5}}$
3992. $e_{1,5}, \neg e_{1,5} \vee \neg t_{\neg e_{1,5}, e_{1,6}} \vee e_{1,2} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \vee e_{1,2}$
3993. $e_{1,5}, \neg e_{1,5} \vee \neg e_{2,5} \vee \neg e_{4,5} \vdash \neg e_{4,5} \vee \neg e_{2,5}$
3994. $e_{1,5}, \neg e_{1,5} \vee \neg t_{\neg e_{1,5}, e_{1,6}} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \vee t_{e_{1,2}, \neg e_{1,3}}$
3995. $e_{1,5}, \neg e_{5,6} \vee \neg e_{1,5} \vee e_{1,3} \vdash e_{1,3} \vee \neg e_{5,6}$
3996. $e_{1,5}, \neg e_{1,5} \vee \neg t_{\neg e_{1,5}, e_{2,5}} \vee e_{2,3} \vdash e_{2,3} \vee \neg t_{\neg e_{1,5}, e_{2,5}}$
3997. $e_{1,5}, \neg e_{1,5} \vee \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vee e_{1,3} \vdash \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vee e_{1,3}$
3998. $e_{1,5}, t_{\neg e_{1,3}, e_{2,3}} \vee \neg e_{1,5} \vee \neg t_{\neg e_{1,2}, e_{1,3}} \vdash \neg t_{\neg e_{1,2}, e_{1,3}} \vee t_{\neg e_{1,3}, e_{2,3}}$
3999. $e_{1,5}, \neg e_{1,5} \vee t_{e_{1,2}, e_{2,3}} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee t_{e_{1,2}, e_{2,3}}$
4000. $e_{1,5}, \neg e_{1,5} \vee \neg t_{\neg e_{1,2}, e_{1,3}} \vee e_{2,3} \vdash e_{2,3} \vee \neg t_{\neg e_{1,2}, e_{1,3}}$
4001. $e_{1,5}, \neg e_{1,5} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee \neg t_{e_{1,2}, \neg e_{1,3}}$
4002. $e_{1,5}, \neg e_{1,5} \vee t_{e_{1,6}, \neg e_{2,6}} \vee \neg t_{\neg e_{1,5}, e_{1,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \vee \neg t_{\neg e_{1,5}, e_{1,6}}$
4003. $e_{1,5}, \neg e_{1,2} \vee \neg e_{1,5} \vee \neg t_{\neg e_{1,2}, e_{1,3}} \vdash \neg e_{1,2} \vee \neg t_{\neg e_{1,2}, e_{1,3}}$
4004. $e_{1,5}, \neg e_{1,5} \vee e_{2,5} \vee \neg e_{4,5} \vdash \neg e_{4,5} \vee e_{2,5}$
4005. $e_{1,5}, t_{e_{1,2}, e_{1,3}} \vee \neg e_{1,5} \vee \neg e_{4,5} \vdash \neg e_{4,5} \vee t_{e_{1,2}, e_{1,3}}$
4006. $e_{1,5}, t_{\neg e_{1,3}, e_{2,3}} \vee \neg e_{1,5} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \vee t_{\neg e_{1,3}, e_{2,3}}$
4007. $e_{1,5}, \neg e_{1,5} \vee \neg t_{\neg e_{1,5}, e_{1,6}} \vee t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,5}, e_{1,6}} \vee t_{\neg e_{1,2}, \neg e_{1,3}}$
4008. $e_{1,5}, \neg e_{1,5} \vee t_{e_{1,2}, \neg e_{2,3}} \vee e_{2,3} \vdash e_{2,3} \vee t_{e_{1,2}, \neg e_{2,3}}$
4009. $e_{1,5}, \neg e_{1,5} \vee \neg t_{\neg e_{1,5}, \neg e_{2,5}} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{\neg e_{1,5}, \neg e_{2,5}} \vee t_{\neg e_{1,2}, e_{2,3}}$
4010. $e_{1,5}, t_{\neg e_{1,3}, e_{2,3}} \vee \neg e_{1,5} \vee \neg t_{e_{1,3}, \neg e_{2,3}} \vdash \neg t_{e_{1,3}, \neg e_{2,3}} \vee t_{\neg e_{1,3}, e_{2,3}}$
4011. $e_{1,5}, \neg e_{1,5} \vee \neg t_{\neg e_{1,2}, e_{1,3}} \vee e_{1,2} \vdash e_{1,2} \vee \neg t_{\neg e_{1,2}, e_{1,3}}$
4012. $e_{1,5}, \neg e_{1,5} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vee t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \vee t_{e_{1,2}, e_{2,3}}$
4013. $e_{1,5}, \neg e_{1,2} \vee \neg e_{1,5} \vee t_{e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,2} \vee t_{e_{1,2}, \neg e_{2,3}}$
4014. $e_{1,5}, e_{5,6} \vee \neg e_{1,5} \vee e_{1,3} \vdash e_{5,6} \vee e_{1,3}$

4015. $e_{1,5}, t_{e_{1,2}, e_{1,3}} \vee \neg e_{1,5} \vee \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vdash \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vee t_{e_{1,2}, e_{1,3}}$
4016. $e_{1,5}, t_{\neg e_{1,2}, e_{1,3}} \vee \neg e_{1,5} \vee e_{1,3} \vdash e_{1,3} \vee t_{\neg e_{1,2}, e_{1,3}}$
4017. $e_{1,5}, t_{e_{1,3}, \neg e_{2,3}} \vee \neg e_{1,5} \vee \neg t_{\neg e_{1,2}, e_{1,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \vee \neg t_{\neg e_{1,2}, e_{1,3}}$
4018. $e_{1,5}, \neg e_{1,2} \vee t_{\neg e_{1,3}, e_{2,3}} \vee \neg e_{1,5} \vdash \neg e_{1,2} \vee t_{\neg e_{1,3}, e_{2,3}}$
4019. $e_{1,5}, \neg e_{1,3} \vee \neg e_{1,5} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,3} \vee \neg t_{e_{1,2}, \neg e_{1,3}}$
4020. $e_{1,5}, e_{4,5} \vee \neg e_{1,5} \vee \neg t_{\neg e_{1,5}, e_{2,5}} \vdash \neg t_{\neg e_{1,5}, e_{2,5}} \vee e_{4,5}$
4021. $e_{1,5}, \neg e_{1,5} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \vee t_{e_{1,2}, \neg e_{1,3}}$
4022. $e_{1,5}, t_{\neg e_{1,3}, e_{2,3}} \vee \neg e_{1,5} \vee e_{1,2} \vdash e_{1,2} \vee t_{\neg e_{1,3}, e_{2,3}}$
4023. $e_{1,5}, t_{e_{1,2}, e_{1,3}} \vee \neg e_{1,5} \vee \neg t_{\neg e_{1,5}, e_{1,6}} \vdash t_{e_{1,2}, e_{1,3}} \vee \neg t_{\neg e_{1,5}, e_{1,6}}$
4024. $e_{1,5}, \neg e_{1,5} \vee \neg t_{e_{1,3}, \neg e_{2,3}} \vee e_{1,3} \vdash e_{1,3} \vee \neg t_{e_{1,3}, \neg e_{2,3}}$
4025. $e_{1,5}, t_{e_{1,5}, \neg e_{2,5}} \vee \neg e_{1,5} \vee \neg t_{\neg e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,5}, \neg e_{2,5}} \vee \neg t_{\neg e_{1,5}, \neg e_{2,5}}$
4026. $e_{1,5}, \neg e_{1,3} \vee \neg e_{1,5} \vee e_{1,2} \vdash \neg e_{1,3} \vee e_{1,2}$
4027. $e_{1,5}, t_{\neg e_{1,2}, e_{1,3}} \vee \neg e_{1,5} \vee \neg t_{e_{1,3}, \neg e_{2,3}} \vdash \neg t_{e_{1,3}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, e_{1,3}}$
4028. $e_{1,5}, e_{4,5} \vee \neg e_{1,5} \vee e_{1,3} \vdash e_{1,3} \vee e_{4,5}$
4029. $e_{1,5}, \neg e_{1,2} \vee \neg e_{1,5} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{1,2} \vee t_{\neg e_{1,2}, e_{2,3}}$
4030. $e_{1,5}, \neg e_{1,5} \vee \neg e_{4,5} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash \neg e_{4,5} \vee t_{e_{1,2}, \neg e_{1,3}}$
4031. $e_{1,5}, \neg e_{5,6} \vee \neg e_{1,5} \vee t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg e_{5,6} \vee t_{\neg e_{1,2}, \neg e_{1,3}}$
4032. $e_{1,5}, \neg e_{1,2} \vee \neg e_{1,5} \vee e_{1,3} \vdash \neg e_{1,2} \vee e_{1,3}$
4033. $e_{1,5}, \neg e_{1,5} \vee t_{e_{1,2}, \neg e_{2,3}} \vee e_{1,2} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee e_{1,2}$
4034. $e_{1,5}, \neg e_{1,5} \vee t_{\neg e_{1,2}, e_{2,3}} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee t_{e_{1,2}, \neg e_{1,3}}$
4035. $e_{1,5}, t_{\neg e_{1,3}, e_{2,3}} \vee \neg e_{1,5} \vee e_{1,3} \vdash e_{1,3} \vee t_{\neg e_{1,3}, e_{2,3}}$
4036. $e_{1,5}, \neg e_{1,5} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vee \neg t_{e_{1,3}, \neg e_{2,3}} \vdash \neg t_{e_{1,3}, \neg e_{2,3}} \vee \neg t_{e_{1,2}, \neg e_{1,3}}$
4037. $e_{1,5}, \neg e_{1,5} \vee t_{e_{1,2}, e_{2,3}} \vee \neg t_{\neg e_{1,5}, e_{2,5}} \vdash t_{e_{1,2}, e_{2,3}} \vee \neg t_{\neg e_{1,5}, e_{2,5}}$
4038. $e_{1,5}, t_{e_{1,5}, \neg e_{2,5}} \vee e_{4,5} \vee \neg e_{1,5} \vdash t_{e_{1,5}, \neg e_{2,5}} \vee e_{4,5}$
4039. $e_{1,5}, \neg e_{1,5} \vee t_{e_{1,2}, e_{2,3}} \vee e_{1,3} \vdash e_{1,3} \vee t_{e_{1,2}, e_{2,3}}$
4040. $e_{1,5}, \neg e_{1,5} \vee t_{e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, e_{2,3}}$
4041. $e_{1,5}, \neg e_{1,5} \vee t_{e_{1,3}, e_{2,3}} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, \neg e_{1,3}} \vee t_{e_{1,3}, e_{2,3}}$

4042. $e_{1,5}, \neg e_{1,5} \vee \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vee e_{2,6} \vdash \neg t_{\neg e_{1,5}, \neg e_{1,6}} \vee e_{2,6}$
4043. $e_{1,5}, \neg e_{1,3} \vee \neg e_{1,5} \vee t_{e_{1,3}, e_{2,3}} \vdash \neg e_{1,3} \vee t_{e_{1,3}, e_{2,3}}$
4044. $e_{1,5}, t_{\neg e_{1,2}, e_{1,3}} \vee \neg e_{1,5} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \vee t_{e_{1,2}, \neg e_{1,3}}$
4045. $t_{e_{1,4}, e_{2,4}}, e_{1,4} \vee \neg t_{e_{1,4}, e_{2,4}} \vee e_{2,4} \vdash e_{1,4} \vee e_{2,4}$
4046. $t_{e_{1,4}, e_{2,4}}, t_{e_{1,4}, \neg e_{2,4}} \vee \neg t_{e_{1,4}, e_{2,4}} \vee e_{2,4} \vdash t_{e_{1,4}, \neg e_{2,4}} \vee e_{2,4}$
4047. $t_{e_{1,4}, e_{2,4}}, \neg t_{\neg e_{1,4}, e_{2,4}} \vee \neg t_{e_{1,4}, e_{2,4}} \vee e_{2,4} \vdash \neg t_{\neg e_{1,4}, e_{2,4}} \vee e_{2,4}$
4048. $t_{e_{1,4}, e_{2,4}}, e_{1,4} \vee t_{\neg e_{1,4}, e_{2,4}} \vee \neg t_{e_{1,4}, e_{2,4}} \vdash t_{\neg e_{1,4}, e_{2,4}} \vee e_{1,4}$
4049. $t_{e_{1,4}, e_{2,4}}, e_{1,4} \vee \neg t_{e_{1,4}, \neg e_{2,4}} \vee \neg t_{e_{1,4}, e_{2,4}} \vdash e_{1,4} \vee \neg t_{e_{1,4}, \neg e_{2,4}}$
4050. $t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,3}, e_{2,3}} \vee t_{\neg e_{1,2}, e_{2,3}} \vee e_{1,3} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee e_{1,3}$
4051. $t_{e_{1,3}, e_{2,3}}, t_{e_{1,3}, \neg e_{2,3}} \vee \neg t_{e_{1,3}, e_{2,3}} \vee e_{2,3} \vdash e_{2,3} \vee t_{e_{1,3}, \neg e_{2,3}}$
4052. $t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,3}, \neg e_{2,3}} \vee \neg t_{e_{1,3}, e_{2,3}} \vee e_{1,3} \vdash \neg t_{e_{1,3}, \neg e_{2,3}} \vee e_{1,3}$
4053. $t_{e_{1,3}, e_{2,3}}, t_{\neg e_{1,2}, e_{1,3}} \vee \neg t_{e_{1,3}, e_{2,3}} \vee e_{2,3} \vdash e_{2,3} \vee t_{\neg e_{1,2}, e_{1,3}}$
4054. $t_{e_{1,3}, e_{2,3}}, \neg t_{e_{1,3}, e_{2,3}} \vee e_{1,3} \vee e_{2,3} \vdash e_{1,3} \vee e_{2,3}$
4055. $t_{e_{1,3}, e_{2,3}}, t_{e_{1,2}, e_{2,3}} \vee \neg t_{e_{1,3}, e_{2,3}} \vee e_{1,3} \vdash e_{1,3} \vee t_{e_{1,2}, e_{2,3}}$
4056. $t_{e_{1,3}, e_{2,3}}, \neg t_{\neg e_{1,3}, e_{2,3}} \vee \neg t_{e_{1,3}, e_{2,3}} \vee e_{2,3} \vdash e_{2,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}}$
4057. $t_{e_{1,3}, e_{2,3}}, t_{\neg e_{1,3}, e_{2,3}} \vee \neg t_{e_{1,3}, e_{2,3}} \vee e_{1,3} \vdash e_{1,3} \vee t_{\neg e_{1,3}, e_{2,3}}$
4058. $t_{e_{1,3}, e_{2,3}}, t_{e_{1,2}, e_{1,3}} \vee \neg t_{e_{1,3}, e_{2,3}} \vee e_{2,3} \vdash t_{e_{1,2}, e_{1,3}} \vee e_{2,3}$
4059. $e_{2,3}, \neg e_{2,3} \vee e_{1,6} \vee e_{1,3} \vdash e_{1,3} \vee e_{1,6}$
4060. $e_{2,3}, \neg e_{1,2} \vee \neg e_{2,3} \vee \neg e_{2,6} \vdash \neg e_{1,2} \vee \neg e_{2,6}$
4061. $e_{2,3}, \neg e_{2,3} \vee \neg t_{e_{1,3}, \neg e_{2,3}} \vee \neg e_{3,5} \vdash \neg t_{e_{1,3}, \neg e_{2,3}} \vee \neg e_{3,5}$
4062. $e_{2,3}, \neg e_{2,3} \vee t_{e_{1,6}, \neg e_{2,6}} \vee t_{e_{1,3}, e_{2,3}} \vdash t_{e_{1,3}, e_{2,3}} \vee t_{e_{1,6}, \neg e_{2,6}}$
4063. $e_{2,3}, \neg e_{2,3} \vee e_{2,5} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee e_{2,5}$
4064. $e_{2,3}, \neg e_{2,3} \vee t_{\neg e_{1,2}, e_{1,3}} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \vee t_{\neg e_{1,2}, e_{1,3}}$
4065. $e_{2,3}, t_{e_{1,3}, \neg e_{2,3}} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,3}, \neg e_{2,3}} \vee \neg t_{\neg e_{1,6}, e_{2,6}}$
4066. $e_{2,3}, e_{1,5} \vee \neg e_{2,3} \vee t_{e_{1,3}, e_{2,3}} \vdash t_{e_{1,3}, e_{2,3}} \vee e_{1,5}$
4067. $e_{2,3}, \neg e_{1,2} \vee \neg e_{2,3} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,2} \vee t_{e_{1,2}, \neg e_{1,3}}$
4068. $e_{2,3}, \neg e_{1,2} \vee \neg e_{2,3} \vee e_{2,5} \vdash \neg e_{1,2} \vee e_{2,5}$

4069. $e_{2,3}, \neg e_{2,3} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vee e_{2,5} \vdash e_{2,5} \vee \neg t_{e_{1,2}, \neg e_{1,3}}$
4070. $e_{2,3}, \neg e_{2,3} \vee t_{e_{1,3}, e_{2,3}} \vee e_{1,6} \vdash t_{e_{1,3}, e_{2,3}} \vee e_{1,6}$
4071. $e_{2,3}, t_{e_{1,5}, \neg e_{2,5}} \vee \neg e_{2,3} \vee t_{e_{1,3}, e_{2,3}} \vdash t_{e_{1,3}, e_{2,3}} \vee t_{e_{1,5}, \neg e_{2,5}}$
4072. $e_{2,3}, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg e_{3,5} \vdash \neg e_{1,3} \vee \neg e_{3,5}$
4073. $e_{2,3}, \neg e_{3,6} \vee \neg e_{2,3} \vee t_{e_{1,2}, e_{2,3}} \vdash \neg e_{3,6} \vee t_{e_{1,2}, e_{2,3}}$
4074. $e_{2,3}, \neg e_{2,3} \vee t_{\neg e_{1,2}, e_{1,3}} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee t_{\neg e_{1,2}, e_{1,3}}$
4075. $e_{2,3}, e_{1,5} \vee \neg e_{2,3} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash e_{1,5} \vee t_{\neg e_{1,2}, e_{2,3}}$
4076. $e_{2,3}, \neg e_{2,3} \vee \neg e_{3,5} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee \neg e_{3,5}$
4077. $e_{2,3}, \neg e_{2,3} \vee t_{e_{1,3}, e_{2,3}} \vee e_{1,3} \vdash t_{e_{1,3}, e_{2,3}} \vee e_{1,3}$
4078. $e_{2,3}, \neg e_{2,3} \vee e_{1,6} \vee e_{1,2} \vdash e_{1,6} \vee e_{1,2}$
4079. $e_{2,3}, \neg t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,3} \vee t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \vee \neg t_{e_{1,2}, \neg e_{2,3}}$
4080. $e_{2,3}, \neg e_{2,3} \vee t_{\neg e_{1,3}, e_{2,3}} \vee e_{1,3} \vdash e_{1,3} \vee t_{\neg e_{1,3}, e_{2,3}}$
4081. $e_{2,3}, \neg e_{1,2} \vee \neg e_{2,3} \vee e_{1,3} \vdash \neg e_{1,2} \vee e_{1,3}$
4082. $e_{2,3}, \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vee \neg e_{2,3} \vee t_{\neg e_{1,3}, e_{2,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vee t_{\neg e_{1,3}, e_{2,3}}$
4083. $e_{2,3}, \neg t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,3} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \vee t_{e_{1,2}, \neg e_{1,3}}$
4084. $e_{2,3}, \neg e_{2,3} \vee t_{\neg e_{1,2}, e_{1,3}} \vee t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, \neg e_{1,3}} \vee t_{\neg e_{1,2}, e_{1,3}}$
4085. $e_{2,3}, \neg t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,3} \vee e_{1,6} \vdash e_{1,6} \vee \neg t_{e_{1,2}, \neg e_{2,3}}$
4086. $e_{2,3}, \neg e_{1,2} \vee t_{e_{1,5}, \neg e_{2,5}} \vee \neg e_{2,3} \vdash \neg e_{1,2} \vee t_{e_{1,5}, \neg e_{2,5}}$
4087. $e_{2,3}, t_{e_{1,2}, e_{1,3}} \vee \neg e_{2,3} \vee t_{\neg e_{1,3}, e_{2,3}} \vdash t_{e_{1,2}, e_{1,3}} \vee t_{\neg e_{1,3}, e_{2,3}}$
4088. $e_{2,3}, t_{e_{1,3}, \neg e_{2,3}} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,5}, e_{2,5}} \vdash \neg t_{\neg e_{1,5}, e_{2,5}} \vee t_{e_{1,3}, \neg e_{2,3}}$
4089. $e_{2,3}, e_{1,5} \vee \neg e_{2,3} \vee e_{1,2} \vdash e_{1,5} \vee e_{1,2}$
4090. $e_{2,3}, \neg e_{2,3} \vee t_{\neg e_{1,3}, e_{2,3}} \vee e_{2,5} \vdash e_{2,5} \vee t_{\neg e_{1,3}, e_{2,3}}$
4091. $e_{2,3}, \neg e_{2,3} \vee t_{\neg e_{1,3}, e_{2,3}} \vee \neg e_{2,6} \vdash \neg e_{2,6} \vee t_{\neg e_{1,3}, e_{2,3}}$
4092. $e_{2,3}, \neg e_{2,3} \vee t_{\neg e_{1,3}, e_{2,3}} \vee e_{1,6} \vdash e_{1,6} \vee t_{\neg e_{1,3}, e_{2,3}}$
4093. $e_{2,3}, \neg e_{2,3} \vee \neg e_{2,6} \vee e_{1,2} \vdash \neg e_{2,6} \vee e_{1,2}$
4094. $e_{2,3}, \neg t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \vee \neg t_{\neg e_{1,6}, e_{2,6}}$
4095. $e_{2,3}, e_{3,5} \vee \neg e_{2,3} \vee t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee e_{3,5}$

4096. $e_{2,3}, \neg e_{2,3} \vee t_{\neg e_{1,2}, e_{1,3}} \vee e_{2,5} \vdash e_{2,5} \vee t_{\neg e_{1,2}, e_{1,3}}$
4097. $e_{2,3}, t_{e_{1,3}, \neg e_{2,3}} \vee \neg e_{2,3} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \vee t_{e_{1,2}, \neg e_{1,3}}$
4098. $e_{2,3}, t_{e_{1,3}, \neg e_{2,3}} \vee \neg e_{2,3} \vee t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, \neg e_{1,3}}$
4099. $e_{2,3}, \neg e_{1,2} \vee \neg e_{2,3} \vee \neg e_{2,5} \vdash \neg e_{1,2} \vee \neg e_{2,5}$
4100. $e_{2,3}, t_{\neg e_{1,2}, e_{1,3}} \vee \neg e_{2,3} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \vee \neg t_{e_{1,2}, \neg e_{1,3}}$
4101. $e_{2,3}, e_{1,5} \vee \neg e_{2,3} \vee t_{\neg e_{1,3}, e_{2,3}} \vdash e_{1,5} \vee t_{\neg e_{1,3}, e_{2,3}}$
4102. $e_{2,3}, t_{e_{1,2}, e_{1,3}} \vee \neg e_{2,3} \vee t_{e_{1,3}, e_{2,3}} \vdash t_{e_{1,3}, e_{2,3}} \vee t_{e_{1,2}, e_{1,3}}$
4103. $e_{2,3}, \neg e_{2,3} \vee e_{1,6} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee e_{1,6}$
4104. $e_{2,3}, \neg e_{2,3} \vee \neg e_{3,5} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, \neg e_{1,3}} \vee \neg e_{3,5}$
4105. $e_{2,3}, \neg e_{2,3} \vee t_{\neg e_{1,3}, e_{2,3}} \vee t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \vee t_{\neg e_{1,3}, e_{2,3}}$
4106. $e_{2,3}, \neg e_{2,3} \vee \neg t_{\neg e_{1,5}, e_{2,5}} \vee e_{1,2} \vdash \neg t_{\neg e_{1,5}, e_{2,5}} \vee e_{1,2}$
4107. $e_{2,3}, \neg t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,3} \vee t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee \neg t_{e_{1,2}, \neg e_{2,3}}$
4108. $e_{2,3}, \neg e_{2,3} \vee t_{\neg e_{1,2}, e_{1,3}} \vee e_{1,2} \vdash e_{1,2} \vee t_{\neg e_{1,2}, e_{1,3}}$
4109. $e_{2,3}, \neg e_{2,3} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vee \neg t_{\neg e_{1,5}, e_{2,5}} \vdash \neg t_{\neg e_{1,5}, e_{2,5}} \vee \neg t_{e_{1,2}, \neg e_{1,3}}$
4110. $e_{2,3}, \neg e_{2,3} \vee \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vee e_{1,3} \vdash \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vee e_{1,3}$
4111. $e_{2,3}, t_{e_{1,2}, e_{1,3}} \vee t_{e_{1,3}, \neg e_{2,3}} \vee \neg e_{2,3} \vdash t_{e_{1,2}, e_{1,3}} \vee t_{e_{1,3}, \neg e_{2,3}}$
4112. $e_{2,3}, \neg e_{2,3} \vee \neg t_{\neg e_{1,5}, e_{2,5}} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{\neg e_{1,5}, e_{2,5}} \vee t_{\neg e_{1,2}, e_{2,3}}$
4113. $e_{2,3}, \neg e_{3,6} \vee \neg e_{2,3} \vee \neg t_{e_{1,3}, \neg e_{2,3}} \vdash \neg e_{3,6} \vee \neg t_{e_{1,3}, \neg e_{2,3}}$
4114. $e_{2,3}, t_{e_{1,2}, e_{1,3}} \vee \neg e_{2,3} \vee t_{\neg e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \vee t_{\neg e_{1,2}, e_{1,3}}$
4115. $e_{2,3}, t_{e_{1,2}, e_{1,3}} \vee \neg e_{2,3} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, e_{1,3}} \vee t_{\neg e_{1,2}, e_{2,3}}$
4116. $e_{2,3}, \neg e_{2,3} \vee e_{1,3} \vee e_{2,6} \vdash e_{1,3} \vee e_{2,6}$
4117. $e_{2,3}, \neg e_{2,3} \vee \neg e_{2,5} \vee e_{1,2} \vdash e_{1,2} \vee \neg e_{2,5}$
4118. $e_{2,3}, \neg e_{2,3} \vee t_{e_{1,3}, e_{2,3}} \vee \neg e_{2,5} \vdash t_{e_{1,3}, e_{2,3}} \vee \neg e_{2,5}$
4119. $e_{2,3}, \neg e_{2,3} \vee \neg t_{\neg e_{1,2}, e_{1,3}} \vee \neg e_{3,5} \vdash \neg t_{\neg e_{1,2}, e_{1,3}} \vee \neg e_{3,5}$
4120. $e_{2,3}, \neg e_{2,3} \vee t_{\neg e_{1,2}, e_{1,3}} \vee \neg e_{2,6} \vdash \neg e_{2,6} \vee t_{\neg e_{1,2}, e_{1,3}}$
4121. $e_{2,3}, t_{e_{1,2}, e_{1,3}} \vee \neg e_{2,3} \vee \neg t_{e_{1,3}, \neg e_{2,3}} \vdash \neg t_{e_{1,3}, \neg e_{2,3}} \vee t_{e_{1,2}, e_{1,3}}$
4122. $e_{2,3}, t_{e_{1,3}, \neg e_{2,3}} \vee \neg e_{2,3} \vee \neg e_{2,6} \vdash \neg e_{2,6} \vee t_{e_{1,3}, \neg e_{2,3}}$

4123. $e_{2,3}, \neg e_{1,3} \vee \neg e_{2,3} \vee e_{3,6} \vdash \neg e_{1,3} \vee e_{3,6}$
4124. $e_{2,3}, e_{1,5} \vee \neg e_{2,3} \vee t_{\neg e_{1,2}, e_{1,3}} \vdash e_{1,5} \vee t_{\neg e_{1,2}, e_{1,3}}$
4125. $e_{2,3}, \neg t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,3} \vee \neg e_{2,6} \vdash \neg e_{2,6} \vee \neg t_{e_{1,2}, \neg e_{2,3}}$
4126. $e_{2,3}, t_{e_{1,3}, \neg e_{2,3}} \vee \neg e_{2,3} \vee e_{2,6} \vdash t_{e_{1,3}, \neg e_{2,3}} \vee e_{2,6}$
4127. $e_{2,3}, \neg e_{2,3} \vee t_{\neg e_{1,3}, e_{2,3}} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, \neg e_{1,3}} \vee t_{\neg e_{1,3}, e_{2,3}}$
4128. $e_{2,3}, \neg e_{2,3} \vee \neg t_{e_{1,3}, \neg e_{2,3}} \vee e_{1,3} \vdash \neg t_{e_{1,3}, \neg e_{2,3}} \vee e_{1,3}$
4129. $e_{2,3}, \neg e_{2,3} \vee t_{e_{1,6}, \neg e_{2,6}} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \vee \neg t_{e_{1,2}, \neg e_{1,3}}$
4130. $e_{2,3}, \neg e_{2,3} \vee e_{3,6} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee e_{3,6}$
4131. $e_{2,3}, \neg e_{2,3} \vee e_{3,6} \vee \neg t_{\neg e_{1,2}, e_{1,3}} \vdash \neg t_{\neg e_{1,2}, e_{1,3}} \vee e_{3,6}$
4132. $e_{2,3}, \neg e_{2,3} \vee t_{\neg e_{1,2}, e_{1,3}} \vee e_{1,3} \vdash e_{1,3} \vee t_{\neg e_{1,2}, e_{1,3}}$
4133. $e_{2,3}, \neg e_{2,3} \vee t_{\neg e_{1,2}, \neg e_{1,3}} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee t_{\neg e_{1,2}, \neg e_{1,3}}$
4134. $e_{2,3}, \neg e_{1,3} \vee \neg e_{3,6} \vee \neg e_{2,3} \vdash \neg e_{1,3} \vee \neg e_{3,6}$
4135. $e_{2,3}, \neg e_{2,3} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vee e_{2,6} \vdash e_{2,6} \vee \neg t_{e_{1,2}, \neg e_{1,3}}$
4136. $e_{2,3}, \neg e_{2,3} \vee t_{\neg e_{1,3}, e_{2,3}} \vee \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg t_{\neg e_{1,6}, e_{2,6}} \vee t_{\neg e_{1,3}, e_{2,3}}$
4137. $e_{2,3}, t_{e_{1,5}, \neg e_{2,5}} \vee \neg e_{2,3} \vee e_{1,2} \vdash t_{e_{1,5}, \neg e_{2,5}} \vee e_{1,2}$
4138. $e_{2,3}, \neg e_{2,3} \vee t_{\neg e_{1,2}, e_{1,3}} \vee \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, e_{1,3}}$
4139. $e_{2,3}, \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vee \neg e_{2,3} \vee e_{1,2} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vee e_{1,2}$
4140. $e_{2,3}, \neg e_{2,3} \vee t_{\neg e_{1,3}, e_{2,3}} \vee e_{3,6} \vdash e_{3,6} \vee t_{\neg e_{1,3}, e_{2,3}}$
4141. $e_{2,3}, \neg e_{2,3} \vee e_{3,6} \vee e_{1,3} \vdash e_{1,3} \vee e_{3,6}$
4142. $e_{2,3}, t_{e_{1,3}, \neg e_{2,3}} \vee \neg e_{2,3} \vee e_{1,3} \vdash e_{1,3} \vee t_{e_{1,3}, \neg e_{2,3}}$
4143. $e_{2,3}, t_{e_{1,5}, \neg e_{2,5}} \vee \neg e_{2,3} \vee t_{\neg e_{1,2}, e_{1,3}} \vdash t_{e_{1,5}, \neg e_{2,5}} \vee t_{\neg e_{1,2}, e_{1,3}}$
4144. $e_{2,3}, \neg e_{3,6} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,2}, e_{1,3}} \vdash \neg e_{3,6} \vee \neg t_{\neg e_{1,2}, e_{1,3}}$
4145. $e_{2,3}, \neg e_{2,3} \vee t_{e_{1,3}, e_{2,3}} \vee \neg t_{\neg e_{1,5}, e_{2,5}} \vdash t_{e_{1,3}, e_{2,3}} \vee \neg t_{\neg e_{1,5}, e_{2,5}}$
4146. $e_{2,3}, \neg e_{3,6} \vee \neg e_{2,3} \vee t_{e_{1,2}, \neg e_{2,3}} \vdash \neg e_{3,6} \vee t_{e_{1,2}, \neg e_{2,3}}$
4147. $e_{2,3}, \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vee t_{\neg e_{1,3}, \neg e_{2,3}} \vee \neg e_{2,3} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vee t_{\neg e_{1,3}, \neg e_{2,3}}$
4148. $e_{2,3}, \neg e_{2,3} \vee t_{\neg e_{1,2}, e_{1,3}} \vee e_{1,6} \vdash e_{1,6} \vee t_{\neg e_{1,2}, e_{1,3}}$
4149. $e_{2,3}, \neg e_{2,3} \vee t_{\neg e_{1,2}, e_{1,3}} \vee t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \vee t_{\neg e_{1,2}, e_{1,3}}$

4150. $e_{2,3}, \neg t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,5}, e_{2,5}} \vdash \neg t_{\neg e_{1,5}, e_{2,5}} \vee \neg t_{e_{1,2}, \neg e_{2,3}}$
4151. $e_{2,3}, t_{e_{1,3}, \neg e_{2,3}} \vee \neg e_{2,3} \vee t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \vee t_{e_{1,3}, \neg e_{2,3}}$
4152. $e_{2,3}, \neg e_{2,3} \vee e_{2,5} \vee e_{1,3} \vdash e_{1,3} \vee e_{2,5}$
4153. $e_{2,3}, t_{e_{1,3}, \neg e_{2,3}} \vee \neg e_{2,3} \vee \neg t_{e_{1,3}, \neg e_{2,3}} \vdash \neg t_{e_{1,3}, \neg e_{2,3}} \vee t_{e_{1,3}, \neg e_{2,3}}$
4154. $e_{2,3}, \neg e_{1,2} \vee \neg e_{2,3} \vee t_{\neg e_{1,2}, e_{1,3}} \vdash \neg e_{1,2} \vee t_{\neg e_{1,2}, e_{1,3}}$
4155. $e_{2,3}, \neg e_{1,2} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,5}, e_{2,5}} \vdash \neg e_{1,2} \vee \neg t_{\neg e_{1,5}, e_{2,5}}$
4156. $e_{2,3}, e_{1,5} \vee t_{e_{1,3}, \neg e_{2,3}} \vee \neg e_{2,3} \vdash e_{1,5} \vee t_{e_{1,3}, \neg e_{2,3}}$
4157. $e_{2,3}, \neg t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,3} \vee t_{\neg e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \vee \neg t_{e_{1,2}, \neg e_{2,3}}$
4158. $e_{2,3}, \neg e_{2,3} \vee t_{\neg e_{1,3}, e_{2,3}} \vee \neg e_{2,5} \vdash \neg e_{2,5} \vee t_{\neg e_{1,3}, e_{2,3}}$
4159. $e_{2,3}, e_{3,5} \vee \neg e_{2,3} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash e_{3,5} \vee t_{e_{1,2}, \neg e_{1,3}}$
4160. $e_{2,3}, \neg t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,3} \vee t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \vee t_{e_{1,2}, e_{2,3}}$
4161. $e_{2,3}, \neg e_{2,3} \vee t_{e_{1,3}, e_{2,3}} \vee \neg t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,3}, e_{2,3}} \vee \neg t_{\neg e_{1,6}, e_{2,6}}$
4162. $e_{2,3}, \neg e_{2,3} \vee t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{3,5} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{3,5}$
4163. $e_{2,3}, e_{3,5} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,2}, e_{1,3}} \vdash \neg t_{\neg e_{1,2}, e_{1,3}} \vee e_{3,5}$
4164. $e_{2,3}, \neg e_{1,2} \vee t_{e_{1,2}, e_{1,3}} \vee \neg e_{2,3} \vdash \neg e_{1,2} \vee t_{e_{1,2}, e_{1,3}}$
4165. $e_{2,3}, e_{1,5} \vee \neg t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,3} \vdash e_{1,5} \vee \neg t_{e_{1,2}, \neg e_{2,3}}$
4166. $e_{2,3}, \neg e_{2,3} \vee t_{\neg e_{1,2}, e_{1,3}} \vee \neg t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,2}, e_{1,3}} \vee \neg t_{\neg e_{1,6}, e_{2,6}}$
4167. $e_{2,3}, \neg e_{3,6} \vee \neg e_{2,3} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{3,6} \vee t_{\neg e_{1,2}, e_{2,3}}$
4168. $e_{2,3}, \neg e_{2,3} \vee t_{\neg e_{1,2}, e_{1,3}} \vee \neg t_{\neg e_{1,5}, e_{2,5}} \vdash \neg t_{\neg e_{1,5}, e_{2,5}} \vee t_{\neg e_{1,2}, e_{1,3}}$
4169. $e_{2,3}, \neg e_{2,3} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vee \neg e_{2,5} \vdash \neg e_{2,5} \vee \neg t_{e_{1,2}, \neg e_{1,3}}$
4170. $e_{2,3}, \neg e_{2,3} \vee t_{e_{1,6}, \neg e_{2,6}} \vee e_{1,3} \vdash t_{e_{1,6}, \neg e_{2,6}} \vee e_{1,3}$
4171. $e_{2,3}, \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vee \neg e_{2,3} \vee t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, \neg e_{1,3}}$
4172. $e_{2,3}, \neg e_{2,3} \vee e_{1,2} \vee \neg t_{\neg e_{1,6}, e_{2,6}} \vdash e_{1,2} \vee \neg t_{\neg e_{1,6}, e_{2,6}}$
4173. $e_{2,3}, \neg e_{1,2} \vee \neg e_{2,3} \vee t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,2} \vee t_{\neg e_{1,2}, \neg e_{1,3}}$
4174. $e_{2,3}, \neg e_{1,2} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{1,2} \vee \neg t_{\neg e_{1,6}, e_{2,6}}$
4175. $e_{2,3}, \neg e_{2,3} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \vee t_{e_{1,2}, \neg e_{1,3}}$
4176. $e_{2,3}, \neg e_{2,3} \vee t_{\neg e_{1,2}, e_{1,3}} \vee t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \vee t_{\neg e_{1,3}, e_{2,3}}$

4177. $e_{2,3}, \neg e_{2,3} \vee e_{1,3} \vee \neg e_{2,6} \vdash e_{1,3} \vee \neg e_{2,6}$
4178. $e_{2,3}, \neg e_{3,6} \vee \neg e_{2,3} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash \neg e_{3,6} \vee t_{e_{1,2}, \neg e_{1,3}}$
4179. $e_{2,3}, t_{e_{1,3}, \neg e_{2,3}} \vee \neg e_{2,3} \vee t_{\neg e_{1,2}, e_{1,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, e_{1,3}}$
4180. $e_{2,3}, \neg e_{2,3} \vee t_{\neg e_{1,2}, e_{1,3}} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \vee t_{e_{1,2}, \neg e_{1,3}}$
4181. $e_{2,3}, \neg e_{2,3} \vee t_{e_{1,6}, \neg e_{2,6}} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \vee t_{\neg e_{1,2}, e_{2,3}}$
4182. $e_{2,3}, \neg e_{3,6} \vee \neg e_{2,3} \vee t_{\neg e_{1,3}, e_{2,3}} \vdash \neg e_{3,6} \vee t_{\neg e_{1,3}, e_{2,3}}$
4183. $e_{2,3}, \neg e_{2,3} \vee t_{\neg e_{1,3}, e_{2,3}} \vee \neg e_{3,5} \vdash \neg e_{3,5} \vee t_{\neg e_{1,3}, e_{2,3}}$
4184. $e_{2,3}, \neg e_{3,6} \vee \neg e_{2,3} \vee e_{1,3} \vdash \neg e_{3,6} \vee e_{1,3}$
4185. $e_{2,3}, \neg e_{1,2} \vee \neg e_{2,3} \vee e_{1,6} \vdash \neg e_{1,2} \vee e_{1,6}$
4186. $e_{2,3}, \neg e_{2,3} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vee t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, \neg e_{1,3}} \vee \neg t_{e_{1,2}, \neg e_{1,3}}$
4187. $e_{2,3}, \neg e_{2,3} \vee e_{1,2} \vee e_{2,6} \vdash e_{1,2} \vee e_{2,6}$
4188. $e_{2,3}, \neg e_{2,3} \vee t_{\neg e_{1,3}, e_{2,3}} \vee \neg t_{\neg e_{1,5}, e_{2,5}} \vdash \neg t_{\neg e_{1,5}, e_{2,5}} \vee t_{\neg e_{1,3}, e_{2,3}}$
4189. $e_{2,3}, \neg e_{1,2} \vee t_{\neg e_{1,2}, e_{1,3}} \vee \neg e_{2,3} \vdash \neg e_{1,2} \vee t_{\neg e_{1,2}, e_{1,3}}$
4190. $e_{2,3}, \neg e_{2,3} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vee \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \vee \neg t_{\neg e_{1,6}, e_{2,6}}$
4191. $e_{2,3}, \neg e_{1,2} \vee e_{1,5} \vee \neg e_{2,3} \vdash \neg e_{1,2} \vee e_{1,5}$
4192. $e_{2,3}, \neg e_{2,3} \vee t_{\neg e_{1,2}, \neg e_{1,3}} \vee e_{1,3} \vdash e_{1,3} \vee t_{\neg e_{1,2}, \neg e_{1,3}}$
4193. $e_{2,3}, \neg t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vee \neg t_{e_{1,2}, \neg e_{2,3}}$
4194. $e_{2,3}, \neg e_{2,3} \vee t_{e_{1,3}, e_{2,3}} \vee e_{2,6} \vdash t_{e_{1,3}, e_{2,3}} \vee e_{2,6}$
4195. $e_{2,3}, e_{1,5} \vee \neg e_{2,3} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,5} \vee \neg t_{e_{1,2}, \neg e_{1,3}}$
4196. $e_{2,3}, \neg e_{2,3} \vee t_{\neg e_{1,3}, e_{2,3}} \vee t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, \neg e_{1,3}} \vee t_{\neg e_{1,3}, e_{2,3}}$
4197. $e_{2,3}, \neg e_{2,3} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vee e_{1,6} \vdash e_{1,6} \vee \neg t_{e_{1,2}, \neg e_{1,3}}$
4198. $e_{2,3}, \neg t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,3} \vee e_{1,2} \vdash e_{1,2} \vee \neg t_{e_{1,2}, \neg e_{2,3}}$
4199. $e_{2,3}, \neg e_{2,3} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vee \neg e_{2,6} \vdash \neg e_{2,6} \vee \neg t_{e_{1,2}, \neg e_{1,3}}$
4200. $e_{2,3}, \neg e_{2,3} \vee t_{e_{1,2}, e_{2,3}} \vee e_{3,6} \vdash e_{3,6} \vee t_{e_{1,2}, e_{2,3}}$
4201. $e_{2,3}, \neg e_{2,3} \vee t_{e_{1,2}, \neg e_{2,3}} \vee e_{3,6} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee e_{3,6}$
4202. $e_{2,3}, e_{1,5} \vee \neg e_{2,3} \vee e_{1,3} \vdash e_{1,5} \vee e_{1,3}$
4203. $e_{2,3}, \neg e_{2,3} \vee e_{1,3} \vee e_{1,2} \vdash e_{1,3} \vee e_{1,2}$

4204. $e_{2,3}, \neg e_{2,3} \vee \neg e_{3,5} \vee e_{1,3} \vdash e_{1,3} \vee \neg e_{3,5}$
4205. $e_{2,3}, \neg e_{2,3} \vee e_{1,3} \vee \neg t_{\neg e_{1,6}, e_{2,6}} \vdash e_{1,3} \vee \neg t_{\neg e_{1,6}, e_{2,6}}$
4206. $e_{2,3}, \neg e_{2,3} \vee t_{\neg e_{1,3}, e_{2,3}} \vee e_{2,6} \vdash e_{2,6} \vee t_{\neg e_{1,3}, e_{2,3}}$
4207. $e_{2,3}, \neg e_{2,3} \vee t_{e_{1,3}, e_{2,3}} \vee \neg t_{e_{1,3}, \neg e_{2,3}} \vdash t_{e_{1,3}, e_{2,3}} \vee \neg t_{e_{1,3}, \neg e_{2,3}}$
4208. $e_{2,3}, \neg e_{1,2} \vee \neg e_{2,3} \vee e_{2,6} \vdash \neg e_{1,2} \vee e_{2,6}$
4209. $e_{2,3}, \neg e_{2,3} \vee t_{e_{1,3}, e_{2,3}} \vee e_{2,5} \vdash t_{e_{1,3}, e_{2,3}} \vee e_{2,5}$
4210. $e_{2,3}, \neg e_{2,3} \vee \neg t_{\neg e_{1,5}, e_{2,5}} \vee e_{1,3} \vdash \neg t_{\neg e_{1,5}, e_{2,5}} \vee e_{1,3}$
4211. $e_{2,3}, \neg e_{2,3} \vee t_{\neg e_{1,2}, e_{2,3}} \vee \neg e_{2,6} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee \neg e_{2,6}$
4212. $e_{2,3}, t_{e_{1,3}, \neg e_{2,3}} \vee \neg e_{2,3} \vee e_{2,5} \vdash e_{2,5} \vee t_{e_{1,3}, \neg e_{2,3}}$
4213. $e_{2,3}, \neg e_{2,3} \vee t_{\neg e_{1,2}, e_{2,3}} \vee e_{1,3} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee e_{1,3}$
4214. $e_{2,3}, t_{e_{1,2}, e_{1,3}} \vee \neg e_{2,3} \vee e_{1,3} \vdash t_{e_{1,2}, e_{1,3}} \vee e_{1,3}$
4215. $e_{2,3}, \neg e_{2,3} \vee t_{\neg e_{1,2}, e_{1,3}} \vee \neg e_{2,5} \vdash \neg e_{2,5} \vee t_{\neg e_{1,2}, e_{1,3}}$
4216. $e_{2,3}, e_{3,5} \vee \neg e_{2,3} \vee t_{\neg e_{1,3}, e_{2,3}} \vdash e_{3,5} \vee t_{\neg e_{1,3}, e_{2,3}}$
4217. $e_{2,3}, \neg e_{2,3} \vee e_{2,5} \vee e_{1,2} \vdash e_{2,5} \vee e_{1,2}$
4218. $e_{2,3}, \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vee \neg e_{2,3} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vee t_{e_{1,2}, \neg e_{1,3}}$
4219. $e_{2,3}, e_{3,5} \vee \neg e_{2,3} \vee \neg t_{e_{1,3}, \neg e_{2,3}} \vdash \neg t_{e_{1,3}, \neg e_{2,3}} \vee e_{3,5}$
4220. $e_{2,3}, \neg t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,3} \vee t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, \neg e_{1,3}} \vee \neg t_{e_{1,2}, \neg e_{2,3}}$
4221. $e_{2,3}, \neg e_{2,3} \vee \neg e_{2,5} \vee e_{1,3} \vdash e_{1,3} \vee \neg e_{2,5}$
4222. $e_{2,3}, \neg e_{2,3} \vee t_{\neg e_{1,2}, e_{1,3}} \vee e_{2,6} \vdash e_{2,6} \vee t_{\neg e_{1,2}, e_{1,3}}$
4223. $e_{2,3}, \neg e_{2,3} \vee t_{e_{1,2}, e_{2,3}} \vee \neg e_{3,5} \vdash t_{e_{1,2}, e_{2,3}} \vee \neg e_{3,5}$
4224. $e_{2,3}, t_{e_{1,2}, e_{1,3}} \vee t_{\neg e_{1,2}, e_{1,3}} \vee \neg e_{2,3} \vdash t_{e_{1,2}, e_{1,3}} \vee t_{\neg e_{1,2}, e_{1,3}}$
4225. $e_{2,3}, t_{e_{1,3}, \neg e_{2,3}} \vee \neg e_{2,3} \vee e_{1,2} \vdash t_{e_{1,3}, \neg e_{2,3}} \vee e_{1,2}$
4226. $e_{2,3}, \neg e_{2,3} \vee e_{3,6} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash e_{3,6} \vee t_{e_{1,2}, \neg e_{1,3}}$
4227. $e_{2,3}, e_{3,5} \vee \neg e_{2,3} \vee e_{1,3} \vdash e_{1,3} \vee e_{3,5}$
4228. $e_{2,3}, \neg e_{2,3} \vee t_{\neg e_{1,2}, e_{2,3}} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee t_{e_{1,2}, \neg e_{1,3}}$
4229. $e_{2,3}, \neg t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,3} \vee e_{1,3} \vdash e_{1,3} \vee \neg t_{e_{1,2}, \neg e_{2,3}}$
4230. $e_{2,3}, \neg e_{2,3} \vee e_{1,3} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,3} \vee t_{e_{1,2}, \neg e_{1,3}}$

4231. $e_{2,3}, \neg e_{2,3} \vee t_{\neg e_{1,2}, e_{1,3}} \vee \neg t_{e_{1,3}, \neg e_{2,3}} \vdash \neg t_{e_{1,3}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, e_{1,3}}$
4232. $e_{2,3}, t_{e_{1,5}, \neg e_{2,5}} \vee \neg e_{2,3} \vee t_{\neg e_{1,3}, e_{2,3}} \vdash t_{e_{1,5}, \neg e_{2,5}} \vee t_{\neg e_{1,3}, e_{2,3}}$
4233. $e_{2,3}, \neg e_{2,3} \vee t_{\neg e_{1,2}, e_{2,3}} \vee \neg t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee \neg t_{\neg e_{1,6}, e_{2,6}}$
4234. $e_{2,3}, \neg e_{2,3} \vee \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, \neg e_{2,3}}$
4235. $e_{2,3}, \neg e_{2,3} \vee t_{e_{1,3}, e_{2,3}} \vee t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,3}, e_{2,3}} \vee t_{\neg e_{1,2}, \neg e_{1,3}}$
4236. $e_{2,3}, t_{e_{1,5}, \neg e_{2,5}} \vee \neg t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,3} \vdash t_{e_{1,5}, \neg e_{2,5}} \vee \neg t_{e_{1,2}, \neg e_{2,3}}$
4237. $e_{2,3}, t_{\neg e_{1,2}, e_{1,3}} \vee \neg e_{2,3} \vee t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \vee t_{\neg e_{1,2}, \neg e_{1,3}}$
4238. $e_{2,3}, t_{e_{1,5}, \neg e_{2,5}} \vee \neg e_{2,3} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,5}, \neg e_{2,5}} \vee \neg t_{e_{1,2}, \neg e_{1,3}}$
4239. $e_{2,3}, \neg e_{2,3} \vee t_{\neg e_{1,2}, e_{2,3}} \vee e_{2,6} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee e_{2,6}$
4240. $e_{2,3}, t_{e_{1,5}, \neg e_{2,5}} \vee \neg e_{2,3} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,5}, \neg e_{2,5}} \vee t_{\neg e_{1,2}, e_{2,3}}$
4241. $e_{2,3}, \neg e_{2,3} \vee \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, e_{2,3}}$
4242. $e_{2,3}, t_{e_{1,2}, e_{1,3}} \vee \neg e_{2,3} \vee e_{1,2} \vdash t_{e_{1,2}, e_{1,3}} \vee e_{1,2}$
4243. $e_{2,3}, e_{3,5} \vee \neg e_{2,3} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee e_{3,5}$
4244. $e_{2,3}, \neg e_{1,3} \vee e_{3,5} \vee \neg e_{2,3} \vdash \neg e_{1,3} \vee e_{3,5}$
4245. $e_{2,3}, \neg e_{2,3} \vee \neg e_{2,5} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee \neg e_{2,5}$
4246. $e_{2,3}, \neg e_{2,3} \vee t_{\neg e_{1,2}, \neg e_{1,3}} \vee e_{1,2} \vdash t_{\neg e_{1,2}, \neg e_{1,3}} \vee e_{1,2}$
4247. $e_{2,3}, t_{e_{1,2}, e_{1,3}} \vee \neg t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,3} \vdash t_{e_{1,2}, e_{1,3}} \vee \neg t_{e_{1,2}, \neg e_{2,3}}$
4248. $e_{2,3}, \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vee \neg e_{2,3} \vee \neg t_{e_{1,3}, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vee \neg t_{e_{1,3}, \neg e_{2,3}}$
4249. $e_{2,3}, \neg e_{2,3} \vee e_{1,2} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,2} \vee t_{e_{1,2}, \neg e_{1,3}}$
4250. $e_{2,3}, \neg e_{2,3} \vee \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, \neg e_{1,3}}$
4251. $e_{2,3}, t_{e_{1,5}, \neg e_{2,5}} \vee \neg e_{2,3} \vee e_{1,3} \vdash t_{e_{1,5}, \neg e_{2,5}} \vee e_{1,3}$
4252. $e_{2,3}, \neg e_{2,3} \vee t_{e_{1,3}, e_{2,3}} \vee \neg e_{2,6} \vdash t_{e_{1,3}, e_{2,3}} \vee \neg e_{2,6}$
4253. $e_{2,3}, e_{3,5} \vee \neg e_{2,3} \vee t_{e_{1,2}, e_{2,3}} \vdash e_{3,5} \vee t_{e_{1,2}, e_{2,3}}$
4254. $e_{2,3}, \neg t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,3} \vee e_{2,6} \vdash e_{2,6} \vee \neg t_{e_{1,2}, \neg e_{2,3}}$
4255. $e_{2,3}, \neg e_{2,3} \vee t_{e_{1,6}, \neg e_{2,6}} \vee e_{1,2} \vdash t_{e_{1,6}, \neg e_{2,6}} \vee e_{1,2}$
4256. $e_{2,3}, t_{e_{1,3}, \neg e_{2,3}} \vee \neg e_{2,3} \vee e_{1,6} \vdash e_{1,6} \vee t_{e_{1,3}, \neg e_{2,3}}$
4257. $e_{2,3}, t_{\neg e_{1,2}, e_{1,3}} \vee \neg e_{2,3} \vee t_{e_{1,3}, e_{2,3}} \vdash t_{e_{1,3}, e_{2,3}} \vee t_{\neg e_{1,2}, e_{1,3}}$

4258. $e_{2,3}, \neg e_{2,3} \vee t_{e_{1,3}, e_{2,3}} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,3}, e_{2,3}} \vee t_{e_{1,2}, \neg e_{1,3}}$
4259. $e_{2,3}, \neg t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,3} \vee \neg e_{2,5} \vdash \neg e_{2,5} \vee \neg t_{e_{1,2}, \neg e_{2,3}}$
4260. $e_{2,3}, \neg e_{2,3} \vee \neg t_{e_{1,3}, \neg e_{2,3}} \vee e_{3,6} \vdash \neg t_{e_{1,3}, \neg e_{2,3}} \vee e_{3,6}$
4261. $e_{2,3}, t_{e_{1,2}, e_{1,3}} \vee \neg e_{2,3} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \vee \neg t_{e_{1,2}, \neg e_{1,3}}$
4262. $e_{2,3}, t_{e_{1,5}, \neg e_{2,5}} \vee t_{e_{1,3}, \neg e_{2,3}} \vee \neg e_{2,3} \vdash t_{e_{1,5}, \neg e_{2,5}} \vee t_{e_{1,3}, \neg e_{2,3}}$
4263. $e_{2,3}, \neg e_{1,2} \vee \neg e_{2,3} \vee t_{e_{1,6}, \neg e_{2,6}} \vdash \neg e_{1,2} \vee t_{e_{1,6}, \neg e_{2,6}}$
4264. $e_{2,3}, \neg e_{2,3} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vee e_{1,3} \vdash e_{1,3} \vee \neg t_{e_{1,2}, \neg e_{1,3}}$
4265. $e_{2,3}, \neg t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,3} \vee e_{2,5} \vdash e_{2,5} \vee \neg t_{e_{1,2}, \neg e_{2,3}}$
4266. $e_{2,3}, t_{e_{1,3}, \neg e_{2,3}} \vee \neg e_{2,3} \vee \neg e_{2,5} \vdash t_{e_{1,3}, \neg e_{2,3}} \vee \neg e_{2,5}$
4267. $e_{1,2}, \neg e_{1,2} \vee \neg e_{2,3} \vee \neg e_{2,6} \vdash \neg e_{2,6} \vee \neg e_{2,3}$
4268. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,5}, \neg e_{2,5}} \vee t_{\neg e_{1,2}, e_{1,3}} \vdash t_{e_{1,5}, \neg e_{2,5}} \vee t_{\neg e_{1,2}, e_{1,3}}$
4269. $e_{1,2}, \neg e_{1,2} \vee e_{2,5} \vee e_{2,3} \vdash e_{2,3} \vee e_{2,5}$
4270. $e_{1,2}, \neg e_{1,2} \vee \neg t_{\neg e_{1,5}, e_{2,5}} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,5}, e_{2,5}} \vee t_{e_{1,2}, \neg e_{1,3}}$
4271. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,5}, \neg e_{2,5}} \vee e_{1,3} \vdash t_{e_{1,5}, \neg e_{2,5}} \vee e_{1,3}$
4272. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,3}, \neg e_{2,3}} \vee \neg t_{\neg e_{1,2}, e_{1,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \vee \neg t_{\neg e_{1,2}, e_{1,3}}$
4273. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,2}, \neg e_{2,3}} \vee e_{2,6} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee e_{2,6}$
4274. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,2}, e_{2,3}} \vee \neg t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, e_{2,3}} \vee \neg t_{\neg e_{1,2}, e_{2,3}}$
4275. $e_{1,2}, \neg e_{1,2} \vee \neg e_{2,3} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash \neg e_{2,3} \vee t_{e_{1,2}, \neg e_{1,3}}$
4276. $e_{1,2}, \neg e_{1,2} \vee \neg e_{2,3} \vee e_{2,5} \vdash e_{2,5} \vee \neg e_{2,3}$
4277. $e_{1,2}, \neg e_{1,2} \vee \neg t_{e_{1,3}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,3}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, e_{2,3}}$
4278. $e_{1,2}, \neg e_{1,2} \vee \neg e_{1,6} \vee t_{\neg e_{1,3}, e_{2,3}} \vdash \neg e_{1,6} \vee t_{\neg e_{1,3}, e_{2,3}}$
4279. $e_{1,2}, \neg e_{1,2} \vee e_{2,5} \vee e_{1,3} \vdash e_{1,3} \vee e_{2,5}$
4280. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,5}, \neg e_{2,5}} \vee t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,5}, \neg e_{2,5}} \vee t_{e_{1,2}, e_{1,3}}$
4281. $e_{1,2}, \neg e_{1,2} \vee t_{\neg e_{1,6}, e_{2,6}} \vee e_{1,3} \vdash e_{1,3} \vee t_{\neg e_{1,6}, e_{2,6}}$
4282. $e_{1,2}, \neg e_{1,2} \vee e_{1,3} \vee \neg e_{2,6} \vdash e_{1,3} \vee \neg e_{2,6}$
4283. $e_{1,2}, \neg e_{1,2} \vee t_{\neg e_{1,2}, e_{1,3}} \vee \neg e_{2,5} \vdash \neg e_{2,5} \vee t_{\neg e_{1,2}, e_{1,3}}$
4284. $e_{1,2}, \neg e_{1,2} \vee t_{\neg e_{1,2}, e_{1,3}} \vee t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, \neg e_{1,3}} \vee t_{\neg e_{1,2}, e_{1,3}}$

4285. $e_{1,2}, \neg e_{1,2} \vee \neg e_{1,6} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee \neg e_{1,6}$
4286. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,6}, \neg e_{2,6}} \vee \neg t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \vee \neg t_{\neg e_{1,2}, e_{2,3}}$
4287. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, e_{2,3}}$
4288. $e_{1,2}, \neg e_{1,2} \vee e_{1,3} \vee e_{2,6} \vdash e_{1,3} \vee e_{2,6}$
4289. $e_{1,2}, \neg e_{1,2} \vee \neg e_{2,3} \vee e_{1,3} \vdash e_{1,3} \vee \neg e_{2,3}$
4290. $e_{1,2}, \neg e_{1,2} \vee \neg t_{e_{1,6}, \neg e_{2,6}} \vee e_{1,3} \vdash e_{1,3} \vee \neg t_{e_{1,6}, \neg e_{2,6}}$
4291. $e_{1,2}, \neg e_{1,2} \vee t_{\neg e_{1,2}, e_{1,3}} \vee e_{1,3} \vdash e_{1,3} \vee t_{\neg e_{1,2}, e_{1,3}}$
4292. $e_{1,2}, \neg e_{1,2} \vee \neg t_{\neg e_{1,3}, e_{2,3}} \vee t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \vee \neg t_{\neg e_{1,3}, e_{2,3}}$
4293. $e_{1,2}, \neg e_{1,2} \vee e_{1,5} \vee \neg t_{\neg e_{1,3}, e_{2,3}} \vdash e_{1,5} \vee \neg t_{\neg e_{1,3}, e_{2,3}}$
4294. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,2}, e_{1,3}} \vee e_{2,6} \vdash t_{e_{1,2}, e_{1,3}} \vee e_{2,6}$
4295. $e_{1,2}, \neg e_{1,2} \vee t_{\neg e_{1,2}, \neg e_{1,3}} \vee e_{2,3} \vdash e_{2,3} \vee t_{\neg e_{1,2}, \neg e_{1,3}}$
4296. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,5}, \neg e_{2,5}} \vee \neg e_{2,3} \vdash t_{e_{1,5}, \neg e_{2,5}} \vee \neg e_{2,3}$
4297. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,5}, \neg e_{2,5}} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,5}, \neg e_{2,5}} \vee t_{e_{1,2}, \neg e_{1,3}}$
4298. $e_{1,2}, \neg e_{1,2} \vee \neg e_{1,5} \vee \neg t_{e_{1,3}, \neg e_{2,3}} \vdash \neg t_{e_{1,3}, \neg e_{2,3}} \vee \neg e_{1,5}$
4299. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,2}, e_{2,3}} \vee t_{\neg e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,5}, e_{2,5}} \vee t_{e_{1,2}, e_{2,3}}$
4300. $e_{1,2}, \neg e_{1,2} \vee e_{2,5} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash e_{2,5} \vee t_{e_{1,2}, \neg e_{1,3}}$
4301. $e_{1,2}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2}, e_{1,3}} \vee \neg t_{e_{1,5}, \neg e_{2,5}} \vdash \neg t_{e_{1,5}, \neg e_{2,5}} \vee \neg t_{\neg e_{1,2}, e_{1,3}}$
4302. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,2}, e_{1,3}} \vee t_{\neg e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \vee t_{\neg e_{1,2}, e_{1,3}}$
4303. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,2}, e_{1,3}} \vee t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, e_{1,3}} \vee t_{e_{1,2}, \neg e_{2,3}}$
4304. $e_{1,2}, \neg e_{1,2} \vee \neg e_{1,6} \vee e_{1,3} \vdash \neg e_{1,6} \vee e_{1,3}$
4305. $e_{1,2}, \neg e_{1,2} \vee \neg e_{2,3} \vee \neg e_{2,5} \vdash \neg e_{2,3} \vee \neg e_{2,5}$
4306. $e_{1,2}, \neg e_{1,2} \vee t_{\neg e_{1,2}, e_{2,3}} \vee e_{2,6} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee e_{2,6}$
4307. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,6} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,6}$
4308. $e_{1,2}, \neg e_{1,2} \vee t_{\neg e_{1,2}, e_{1,3}} \vee t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \vee t_{\neg e_{1,2}, e_{1,3}}$
4309. $e_{1,2}, \neg e_{1,2} \vee \neg e_{1,5} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,5} \vee t_{e_{1,2}, \neg e_{1,3}}$
4310. $e_{1,2}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2}, e_{2,3}} \vee e_{2,3} \vdash e_{2,3} \vee \neg t_{\neg e_{1,2}, e_{2,3}}$
4311. $e_{1,2}, \neg e_{1,2} \vee e_{1,6} \vee \neg t_{\neg e_{1,2}, e_{1,3}} \vdash e_{1,6} \vee \neg t_{\neg e_{1,2}, e_{1,3}}$

4312. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,2}, e_{2,3}} \vee \neg t_{e_{1,3}, \neg e_{2,3}} \vdash \neg t_{e_{1,3}, \neg e_{2,3}} \vee t_{e_{1,2}, e_{2,3}}$
4313. $e_{1,2}, \neg e_{1,2} \vee t_{\neg e_{1,2}, e_{1,3}} \vee t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, e_{1,3}}$
4314. $e_{1,2}, \neg e_{1,2} \vee e_{1,5} \vee t_{\neg e_{1,2}, e_{1,3}} \vdash e_{1,5} \vee t_{\neg e_{1,2}, e_{1,3}}$
4315. $e_{1,2}, \neg e_{1,2} \vee e_{2,6} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash e_{2,6} \vee t_{e_{1,2}, \neg e_{1,3}}$
4316. $e_{1,2}, \neg e_{1,2} \vee \neg t_{\neg e_{1,3}, e_{2,3}} \vee e_{2,6} \vdash e_{2,6} \vee \neg t_{\neg e_{1,3}, e_{2,3}}$
4317. $e_{1,2}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2}, e_{2,3}} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee \neg t_{\neg e_{1,2}, e_{2,3}}$
4318. $e_{1,2}, \neg e_{1,2} \vee \neg e_{1,5} \vee e_{2,3} \vdash e_{2,3} \vee \neg e_{1,5}$
4319. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,2}, e_{1,3}} \vee t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,2}, e_{1,3}} \vee t_{e_{1,6}, \neg e_{2,6}}$
4320. $e_{1,2}, \neg e_{1,2} \vee t_{\neg e_{1,2}, \neg e_{1,3}} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, \neg e_{1,3}} \vee t_{e_{1,2}, \neg e_{1,3}}$
4321. $e_{1,2}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2}, e_{2,3}} \vee e_{2,5} \vdash e_{2,5} \vee \neg t_{\neg e_{1,2}, e_{2,3}}$
4322. $e_{1,2}, \neg e_{1,2} \vee t_{\neg e_{1,2}, e_{1,3}} \vee \neg t_{\neg e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \vee \neg t_{\neg e_{1,2}, e_{1,3}}$
4323. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,3}, \neg e_{2,3}} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \vee t_{e_{1,2}, \neg e_{1,3}}$
4324. $e_{1,2}, \neg e_{1,2} \vee \neg t_{e_{1,3}, \neg e_{2,3}} \vee e_{2,6} \vdash \neg t_{e_{1,3}, \neg e_{2,3}} \vee e_{2,6}$
4325. $e_{1,2}, \neg e_{1,2} \vee \neg t_{\neg e_{1,3}, e_{2,3}} \vee \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg t_{\neg e_{1,6}, e_{2,6}} \vee \neg t_{\neg e_{1,3}, e_{2,3}}$
4326. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,2}, e_{2,3}} \vee e_{1,3} \vdash e_{1,3} \vee t_{e_{1,2}, e_{2,3}}$
4327. $e_{1,2}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2}, e_{2,3}} \vee \neg t_{\neg e_{1,5}, e_{2,5}} \vdash \neg t_{\neg e_{1,5}, e_{2,5}} \vee \neg t_{\neg e_{1,2}, e_{2,3}}$
4328. $e_{1,2}, \neg e_{1,2} \vee t_{\neg e_{1,2}, e_{2,3}} \vee e_{2,3} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee e_{2,3}$
4329. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, \neg e_{1,3}}$
4330. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,2}, e_{2,3}} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, e_{2,3}} \vee t_{e_{1,2}, \neg e_{1,3}}$
4331. $e_{1,2}, \neg e_{1,2} \vee \neg t_{\neg e_{1,6}, e_{2,6}} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, \neg e_{1,3}} \vee \neg t_{\neg e_{1,6}, e_{2,6}}$
4332. $e_{1,2}, \neg e_{1,2} \vee \neg e_{1,3} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee \neg e_{1,3}$
4333. $e_{1,2}, \neg e_{1,2} \vee t_{\neg e_{1,3}, e_{2,3}} \vee t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, e_{2,3}} \vee t_{\neg e_{1,3}, e_{2,3}}$
4334. $e_{1,2}, \neg e_{1,2} \vee t_{\neg e_{1,2}, e_{1,3}} \vee \neg e_{2,6} \vdash \neg e_{2,6} \vee t_{\neg e_{1,2}, e_{1,3}}$
4335. $e_{1,2}, \neg e_{1,2} \vee \neg t_{\neg e_{1,3}, e_{2,3}} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, \neg e_{1,3}} \vee \neg t_{\neg e_{1,3}, e_{2,3}}$
4336. $e_{1,2}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2}, e_{2,3}} \vee t_{e_{1,3}, e_{2,3}} \vdash t_{e_{1,3}, e_{2,3}} \vee \neg t_{\neg e_{1,2}, e_{2,3}}$
4337. $e_{1,2}, \neg e_{1,2} \vee \neg t_{e_{1,3}, \neg e_{2,3}} \vee t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,3}, \neg e_{2,3}} \vee t_{e_{1,2}, \neg e_{2,3}}$
4338. $e_{1,2}, \neg e_{1,2} \vee t_{\neg e_{1,2}, e_{1,3}} \vee e_{2,5} \vdash e_{2,5} \vee t_{\neg e_{1,2}, e_{1,3}}$

4339. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,2}, e_{1,3}} \vee e_{2,5} \vdash t_{e_{1,2}, e_{1,3}} \vee e_{2,5}$
4340. $e_{1,2}, \neg e_{1,2} \vee \neg e_{1,3} \vee \neg t_{e_{1,6}, \neg e_{2,6}} \vdash \neg e_{1,3} \vee \neg t_{e_{1,6}, \neg e_{2,6}}$
4341. $e_{1,2}, \neg e_{1,2} \vee e_{1,5} \vee \neg e_{1,3} \vdash e_{1,5} \vee \neg e_{1,3}$
4342. $e_{1,2}, \neg e_{1,2} \vee \neg t_{\neg e_{1,5}, e_{2,5}} \vee e_{2,3} \vdash \neg t_{\neg e_{1,5}, e_{2,5}} \vee e_{2,3}$
4343. $e_{1,2}, \neg e_{1,2} \vee t_{\neg e_{1,2}, e_{1,3}} \vee \neg t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \vee \neg t_{\neg e_{1,2}, e_{2,3}}$
4344. $e_{1,2}, \neg e_{1,2} \vee e_{2,3} \vee \neg e_{2,6} \vdash e_{2,3} \vee \neg e_{2,6}$
4345. $e_{1,2}, \neg e_{1,2} \vee \neg e_{1,3} \vee \neg e_{1,6} \vdash \neg e_{1,6} \vee \neg e_{1,3}$
4346. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,6}, \neg e_{2,6}} \vee e_{1,3} \vdash t_{e_{1,6}, \neg e_{2,6}} \vee e_{1,3}$
4347. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,6}, \neg e_{2,6}} \vee t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \vee t_{e_{1,2}, \neg e_{2,3}}$
4348. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,2}, e_{2,3}} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee t_{e_{1,2}, e_{2,3}}$
4349. $e_{1,2}, \neg e_{1,2} \vee t_{\neg e_{1,6}, e_{2,6}} \vee \neg t_{e_{1,3}, \neg e_{2,3}} \vdash \neg t_{e_{1,3}, \neg e_{2,3}} \vee t_{\neg e_{1,6}, e_{2,6}}$
4350. $e_{1,2}, \neg e_{1,2} \vee \neg t_{e_{1,6}, \neg e_{2,6}} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \vee t_{e_{1,2}, \neg e_{1,3}}$
4351. $e_{1,2}, \neg e_{1,2} \vee \neg t_{e_{1,5}, \neg e_{2,5}} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,5}, \neg e_{2,5}} \vee t_{\neg e_{1,2}, e_{2,3}}$
4352. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,2}, e_{1,3}} \vee e_{1,5} \vdash t_{e_{1,2}, e_{1,3}} \vee e_{1,5}$
4353. $e_{1,2}, \neg e_{1,2} \vee t_{\neg e_{1,6}, e_{2,6}} \vee \neg t_{\neg e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,6}, e_{2,6}} \vee \neg t_{\neg e_{1,2}, e_{1,3}}$
4354. $e_{1,2}, \neg e_{1,2} \vee t_{\neg e_{1,2}, \neg e_{2,3}} \vee e_{1,3} \vdash e_{1,3} \vee t_{\neg e_{1,2}, \neg e_{2,3}}$
4355. $e_{1,2}, \neg e_{1,2} \vee t_{\neg e_{1,6}, e_{2,6}} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,6}, e_{2,6}} \vee t_{e_{1,2}, \neg e_{1,3}}$
4356. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,5} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,5}$
4357. $e_{1,2}, \neg e_{1,2} \vee t_{\neg e_{1,2}, e_{1,3}} \vee e_{2,6} \vdash e_{2,6} \vee t_{\neg e_{1,2}, e_{1,3}}$
4358. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,3}, \neg e_{2,3}} \vee \neg e_{2,6} \vdash \neg e_{2,6} \vee t_{e_{1,3}, \neg e_{2,3}}$
4359. $e_{1,2}, \neg e_{1,2} \vee \neg t_{\neg e_{1,5}, e_{2,5}} \vee e_{1,3} \vdash \neg t_{\neg e_{1,5}, e_{2,5}} \vee e_{1,3}$
4360. $e_{1,2}, \neg e_{1,2} \vee \neg t_{e_{1,5}, \neg e_{2,5}} \vee e_{1,3} \vdash \neg t_{e_{1,5}, \neg e_{2,5}} \vee e_{1,3}$
4361. $e_{1,2}, \neg e_{1,2} \vee e_{1,5} \vee t_{e_{1,2}, e_{1,3}} \vdash e_{1,5} \vee t_{e_{1,2}, e_{1,3}}$
4362. $e_{1,2}, \neg e_{1,2} \vee \neg t_{e_{1,3}, \neg e_{2,3}} \vee e_{1,6} \vdash \neg t_{e_{1,3}, \neg e_{2,3}} \vee e_{1,6}$
4363. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,2}, e_{2,3}} \vee t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \vee t_{e_{1,2}, e_{2,3}}$
4364. $e_{1,2}, \neg e_{1,2} \vee e_{1,5} \vee \neg t_{\neg e_{1,2}, e_{1,3}} \vdash e_{1,5} \vee \neg t_{\neg e_{1,2}, e_{1,3}}$
4365. $e_{1,2}, \neg e_{1,2} \vee \neg e_{2,5} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash \neg e_{2,5} \vee t_{e_{1,2}, \neg e_{1,3}}$

4366. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,3}, \neg e_{2,3}} \vee e_{1,3} \vdash e_{1,3} \vee t_{e_{1,3}, \neg e_{2,3}}$
4367. $e_{1,2}, \neg e_{1,2} \vee \neg e_{1,3} \vee \neg e_{1,5} \vdash \neg e_{1,5} \vee \neg e_{1,3}$
4368. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,3}, \neg e_{2,3}} \vee t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \vee t_{e_{1,3}, \neg e_{2,3}}$
4369. $e_{1,2}, \neg e_{1,2} \vee \neg e_{1,6} \vee t_{e_{1,2}, e_{2,3}} \vdash \neg e_{1,6} \vee t_{e_{1,2}, e_{2,3}}$
4370. $e_{1,2}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vee e_{1,3} \vdash \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vee e_{1,3}$
4371. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,2}, \neg e_{2,3}} \vee e_{2,5} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee e_{2,5}$
4372. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,3}, \neg e_{2,3}} \vee \neg e_{2,5} \vdash t_{e_{1,3}, \neg e_{2,3}} \vee \neg e_{2,5}$
4373. $e_{1,2}, \neg e_{1,2} \vee \neg e_{2,3} \vee t_{\neg e_{1,2}, e_{1,3}} \vdash \neg e_{2,3} \vee t_{\neg e_{1,2}, e_{1,3}}$
4374. $e_{1,2}, \neg e_{1,2} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,5}, e_{2,5}} \vdash \neg t_{\neg e_{1,5}, e_{2,5}} \vee \neg e_{2,3}$
4375. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,2}, \neg e_{2,3}} \vee e_{2,3} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee e_{2,3}$
4376. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,3}, e_{2,3}} \vee \neg t_{\neg e_{1,2}, e_{1,3}} \vdash \neg t_{\neg e_{1,2}, e_{1,3}} \vee t_{e_{1,3}, e_{2,3}}$
4377. $e_{1,2}, \neg e_{1,2} \vee \neg e_{1,6} \vee t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{1,6}$
4378. $e_{1,2}, \neg e_{1,2} \vee e_{2,3} \vee \neg t_{\neg e_{1,6}, e_{2,6}} \vdash e_{2,3} \vee \neg t_{\neg e_{1,6}, e_{2,6}}$
4379. $e_{1,2}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vee t_{\neg e_{1,3}, e_{2,3}} \vdash \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vee t_{\neg e_{1,3}, e_{2,3}}$
4380. $e_{1,2}, \neg e_{1,2} \vee t_{\neg e_{1,2}, e_{2,3}} \vee t_{\neg e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee t_{\neg e_{1,5}, e_{2,5}}$
4381. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,5}, \neg e_{2,5}} \vee t_{e_{1,3}, \neg e_{2,3}} \vdash t_{e_{1,5}, \neg e_{2,5}} \vee t_{e_{1,3}, \neg e_{2,3}}$
4382. $e_{1,2}, \neg e_{1,2} \vee \neg e_{1,3} \vee t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \vee \neg e_{1,3}$
4383. $e_{1,2}, \neg e_{1,2} \vee \neg e_{1,6} \vee e_{2,3} \vdash \neg e_{1,6} \vee e_{2,3}$
4384. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,2}, e_{1,3}} \vee t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \vee t_{\neg e_{1,2}, \neg e_{1,3}}$
4385. $e_{1,2}, \neg e_{1,2} \vee e_{1,5} \vee e_{1,3} \vdash e_{1,5} \vee e_{1,3}$
4386. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,2}, e_{1,3}} \vee \neg t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,2}, e_{1,3}} \vee \neg t_{\neg e_{1,6}, e_{2,6}}$
4387. $e_{1,2}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vee e_{2,3} \vdash \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vee e_{2,3}$
4388. $e_{1,2}, \neg e_{1,2} \vee t_{\neg e_{1,3}, e_{2,3}} \vee t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,3}, e_{2,3}}$
4389. $e_{1,2}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2}, e_{2,3}} \vee \neg e_{2,5} \vdash \neg e_{2,5} \vee \neg t_{\neg e_{1,2}, e_{2,3}}$
4390. $e_{1,2}, \neg e_{1,2} \vee \neg t_{\neg e_{1,3}, e_{2,3}} \vee t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, \neg e_{1,3}} \vee \neg t_{\neg e_{1,3}, e_{2,3}}$
4391. $e_{1,2}, \neg e_{1,2} \vee t_{\neg e_{1,6}, e_{2,6}} \vee e_{2,3} \vdash t_{\neg e_{1,6}, e_{2,6}} \vee e_{2,3}$
4392. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,2}, e_{2,3}} \vee t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee t_{e_{1,2}, e_{2,3}}$

4393. $e_{1,2}, \neg e_{1,2} \vee \neg e_{1,6} \vee \neg t_{\neg e_{1,2}, e_{1,3}} \vdash \neg e_{1,6} \vee \neg t_{\neg e_{1,2}, e_{1,3}}$
4394. $e_{1,2}, \neg e_{1,2} \vee e_{1,5} \vee t_{e_{1,2}, e_{2,3}} \vdash e_{1,5} \vee t_{e_{1,2}, e_{2,3}}$
4395. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,2}, e_{1,3}} \vee \neg e_{2,5} \vdash t_{e_{1,2}, e_{1,3}} \vee \neg e_{2,5}$
4396. $e_{1,2}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2}, e_{2,3}} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, \neg e_{1,3}} \vee \neg t_{\neg e_{1,2}, e_{2,3}}$
4397. $e_{1,2}, \neg e_{1,2} \vee e_{1,3} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,3} \vee t_{e_{1,2}, \neg e_{1,3}}$
4398. $e_{1,2}, \neg e_{1,2} \vee \neg t_{\neg e_{1,3}, e_{2,3}} \vee e_{2,5} \vdash e_{2,5} \vee \neg t_{\neg e_{1,3}, e_{2,3}}$
4399. $e_{1,2}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vee \neg t_{\neg e_{1,2}, e_{1,3}} \vdash \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vee \neg t_{\neg e_{1,2}, e_{1,3}}$
4400. $e_{1,2}, \neg e_{1,2} \vee t_{\neg e_{1,3}, e_{2,3}} \vee t_{\neg e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,5}, e_{2,5}} \vee t_{\neg e_{1,3}, e_{2,3}}$
4401. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,2}, e_{1,3}} \vee \neg e_{2,3} \vdash t_{e_{1,2}, e_{1,3}} \vee \neg e_{2,3}$
4402. $e_{1,2}, \neg e_{1,2} \vee t_{\neg e_{1,3}, e_{2,3}} \vee e_{2,3} \vdash e_{2,3} \vee t_{\neg e_{1,3}, e_{2,3}}$
4403. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,6}, \neg e_{2,6}} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,6}, \neg e_{2,6}} \vee t_{e_{1,2}, \neg e_{1,3}}$
4404. $e_{1,2}, \neg e_{1,2} \vee e_{1,5} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash e_{1,5} \vee t_{\neg e_{1,2}, e_{2,3}}$
4405. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,2}, e_{2,3}} \vee \neg t_{\neg e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{2,3}} \vee \neg t_{\neg e_{1,2}, e_{1,3}}$
4406. $e_{1,2}, \neg e_{1,2} \vee \neg e_{2,5} \vee e_{1,3} \vdash e_{1,3} \vee \neg e_{2,5}$
4407. $e_{1,2}, \neg e_{1,2} \vee \neg t_{\neg e_{1,3}, e_{2,3}} \vee \neg e_{2,6} \vdash \neg e_{2,6} \vee \neg t_{\neg e_{1,3}, e_{2,3}}$
4408. $e_{1,2}, \neg e_{1,2} \vee t_{\neg e_{1,3}, e_{2,3}} \vee \neg t_{e_{1,5}, \neg e_{2,5}} \vdash \neg t_{e_{1,5}, \neg e_{2,5}} \vee t_{\neg e_{1,3}, e_{2,3}}$
4409. $e_{1,2}, \neg e_{1,2} \vee t_{\neg e_{1,2}, e_{1,3}} \vee e_{1,6} \vdash e_{1,6} \vee t_{\neg e_{1,2}, e_{1,3}}$
4410. $e_{1,2}, \neg e_{1,2} \vee t_{\neg e_{1,5}, e_{2,5}} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,5}, e_{2,5}} \vee t_{e_{1,2}, \neg e_{1,3}}$
4411. $e_{1,2}, \neg e_{1,2} \vee \neg t_{e_{1,5}, \neg e_{2,5}} \vee e_{2,3} \vdash \neg t_{e_{1,5}, \neg e_{2,5}} \vee e_{2,3}$
4412. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,2}, e_{1,3}} \vee t_{e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,2}, e_{1,3}} \vee t_{e_{1,5}, \neg e_{2,5}}$
4413. $e_{1,2}, \neg e_{1,2} \vee t_{\neg e_{1,3}, \neg e_{2,3}} \vee \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vee t_{\neg e_{1,3}, \neg e_{2,3}}$
4414. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,2}, \neg e_{2,3}} \vee \neg t_{\neg e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee \neg t_{\neg e_{1,2}, e_{1,3}}$
4415. $e_{1,2}, \neg e_{1,2} \vee \neg t_{e_{1,6}, \neg e_{2,6}} \vee t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee \neg t_{e_{1,6}, \neg e_{2,6}}$
4416. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,2}, e_{2,3}} \vee e_{2,3} \vdash e_{2,3} \vee t_{e_{1,2}, e_{2,3}}$
4417. $e_{1,2}, \neg e_{1,2} \vee t_{\neg e_{1,2}, e_{1,3}} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \vee t_{e_{1,2}, \neg e_{1,3}}$
4418. $e_{1,2}, \neg e_{1,2} \vee \neg e_{2,3} \vee t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg e_{2,3} \vee t_{\neg e_{1,2}, \neg e_{1,3}}$
4419. $e_{1,2}, \neg e_{1,2} \vee \neg e_{2,3} \vee \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{2,3} \vee \neg t_{\neg e_{1,6}, e_{2,6}}$

4420. $e_{1,2}, \neg e_{1,2} \vee \neg e_{1,5} \vee t_{e_{1,2}, e_{2,3}} \vdash \neg e_{1,5} \vee t_{e_{1,2}, e_{2,3}}$
4421. $e_{1,2}, \neg e_{1,2} \vee e_{1,5} \vee \neg t_{e_{1,3}, \neg e_{2,3}} \vdash e_{1,5} \vee \neg t_{e_{1,3}, \neg e_{2,3}}$
4422. $e_{1,2}, \neg e_{1,2} \vee e_{1,5} \vee e_{2,3} \vdash e_{1,5} \vee e_{2,3}$
4423. $e_{1,2}, \neg e_{1,2} \vee t_{\neg e_{1,3}, e_{2,3}} \vee \neg t_{e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \vee t_{\neg e_{1,3}, e_{2,3}}$
4424. $e_{1,2}, \neg e_{1,2} \vee e_{2,3} \vee e_{2,6} \vdash e_{2,3} \vee e_{2,6}$
4425. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,5}, \neg e_{2,5}} \vee \neg t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,5}, \neg e_{2,5}} \vee \neg t_{\neg e_{1,2}, e_{2,3}}$
4426. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,3}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, \neg e_{1,3}}$
4427. $e_{1,2}, \neg e_{1,2} \vee \neg t_{e_{1,6}, \neg e_{2,6}} \vee e_{2,3} \vdash e_{2,3} \vee \neg t_{e_{1,6}, \neg e_{2,6}}$
4428. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,2}, e_{2,3}} \vee e_{2,6} \vdash e_{2,6} \vee t_{e_{1,2}, e_{2,3}}$
4429. $e_{1,2}, \neg e_{1,2} \vee \neg e_{2,5} \vee e_{2,3} \vdash e_{2,3} \vee \neg e_{2,5}$
4430. $e_{1,2}, \neg e_{1,2} \vee e_{1,6} \vee e_{2,3} \vdash e_{2,3} \vee e_{1,6}$
4431. $e_{1,2}, \neg e_{1,2} \vee e_{1,6} \vee e_{1,3} \vdash e_{1,3} \vee e_{1,6}$
4432. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,3}, \neg e_{2,3}} \vee e_{1,6} \vdash e_{1,6} \vee t_{e_{1,3}, \neg e_{2,3}}$
4433. $e_{1,2}, \neg e_{1,2} \vee t_{\neg e_{1,6}, e_{2,6}} \vee t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,6}, e_{2,6}} \vee t_{e_{1,2}, e_{2,3}}$
4434. $e_{1,2}, \neg e_{1,2} \vee \neg t_{e_{1,6}, \neg e_{2,6}} \vee \neg t_{e_{1,3}, \neg e_{2,3}} \vdash \neg t_{e_{1,3}, \neg e_{2,3}} \vee \neg t_{e_{1,6}, \neg e_{2,6}}$
4435. $e_{1,2}, \neg e_{1,2} \vee \neg e_{2,3} \vee e_{1,6} \vdash e_{1,6} \vee \neg e_{2,3}$
4436. $e_{1,2}, \neg e_{1,2} \vee \neg e_{2,6} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash \neg e_{2,6} \vee t_{e_{1,2}, \neg e_{1,3}}$
4437. $e_{1,2}, \neg e_{1,2} \vee t_{\neg e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee t_{\neg e_{1,2}, \neg e_{2,3}}$
4438. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,3}, \neg e_{2,3}} \vee e_{2,5} \vdash e_{2,5} \vee t_{e_{1,3}, \neg e_{2,3}}$
4439. $e_{1,2}, \neg e_{1,2} \vee \neg e_{1,3} \vee e_{2,6} \vdash \neg e_{1,3} \vee e_{2,6}$
4440. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,3}, \neg e_{2,3}} \vee e_{2,6} \vdash t_{e_{1,3}, \neg e_{2,3}} \vee e_{2,6}$
4441. $e_{1,2}, \neg e_{1,2} \vee \neg t_{e_{1,3}, \neg e_{2,3}} \vee \neg t_{e_{1,5}, \neg e_{2,5}} \vdash \neg t_{e_{1,3}, \neg e_{2,3}} \vee \neg t_{e_{1,5}, \neg e_{2,5}}$
4442. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,2}, \neg e_{2,3}} \vee \neg t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee \neg t_{\neg e_{1,6}, e_{2,6}}$
4443. $e_{1,2}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2}, e_{1,3}} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee \neg t_{\neg e_{1,2}, e_{1,3}}$
4444. $e_{1,2}, \neg e_{1,2} \vee t_{\neg e_{1,3}, e_{2,3}} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee t_{\neg e_{1,3}, e_{2,3}}$
4445. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,3}, \neg e_{2,3}} \vee \neg t_{\neg e_{1,6}, e_{2,6}} \vdash t_{e_{1,3}, \neg e_{2,3}} \vee \neg t_{\neg e_{1,6}, e_{2,6}}$
4446. $e_{1,2}, \neg e_{1,2} \vee t_{\neg e_{1,6}, e_{2,6}} \vee t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,6}, e_{2,6}} \vee t_{\neg e_{1,3}, e_{2,3}}$

4447. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,5}, \neg e_{2,5}} \vee \neg t_{\neg e_{1,3}, e_{2,3}} \vdash t_{e_{1,5}, \neg e_{2,5}} \vee \neg t_{\neg e_{1,3}, e_{2,3}}$
4448. $e_{1,2}, \neg e_{1,2} \vee t_{\neg e_{1,2}, e_{1,3}} \vee \neg e_{2,3} \vdash \neg e_{2,3} \vee t_{\neg e_{1,2}, e_{1,3}}$
4449. $e_{1,2}, \neg e_{1,2} \vee \neg e_{1,3} \vee t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{1,3}$
4450. $e_{1,2}, \neg e_{1,2} \vee e_{1,3} \vee t_{\neg e_{1,5}, e_{2,5}} \vdash e_{1,3} \vee t_{\neg e_{1,5}, e_{2,5}}$
4451. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,2}, e_{1,3}} \vee e_{1,6} \vdash t_{e_{1,2}, e_{1,3}} \vee e_{1,6}$
4452. $e_{1,2}, \neg e_{1,2} \vee t_{\neg e_{1,6}, e_{2,6}} \vee t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,6}, e_{2,6}}$
4453. $e_{1,2}, \neg e_{1,2} \vee e_{1,5} \vee \neg e_{2,3} \vdash e_{1,5} \vee \neg e_{2,3}$
4454. $e_{1,2}, \neg e_{1,2} \vee t_{\neg e_{1,2}, \neg e_{2,3}} \vee e_{2,3} \vdash e_{2,3} \vee t_{\neg e_{1,2}, \neg e_{2,3}}$
4455. $e_{1,2}, \neg e_{1,2} \vee t_{\neg e_{1,6}, e_{2,6}} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee t_{\neg e_{1,6}, e_{2,6}}$
4456. $e_{1,2}, \neg e_{1,2} \vee \neg e_{1,6} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,6} \vee t_{e_{1,2}, \neg e_{1,3}}$
4457. $e_{1,2}, \neg e_{1,2} \vee \neg t_{\neg e_{1,3}, e_{2,3}} \vee \neg e_{2,5} \vdash \neg e_{2,5} \vee \neg t_{\neg e_{1,3}, e_{2,3}}$
4458. $e_{1,2}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vee t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vee t_{e_{1,2}, \neg e_{2,3}}$
4459. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,2}, e_{1,3}} \vee \neg t_{\neg e_{1,5}, e_{2,5}} \vdash t_{e_{1,2}, e_{1,3}} \vee \neg t_{\neg e_{1,5}, e_{2,5}}$
4460. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,3}, \neg e_{2,3}} \vee \neg t_{\neg e_{1,5}, e_{2,5}} \vdash \neg t_{\neg e_{1,5}, e_{2,5}} \vee t_{e_{1,3}, \neg e_{2,3}}$
4461. $e_{1,2}, t_{e_{1,2}, e_{1,3}} \vee \neg e_{1,2} \vee \neg t_{\neg e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \vee \neg t_{\neg e_{1,2}, e_{1,3}}$
4462. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,5}, \neg e_{2,5}} \vee t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,5}, \neg e_{2,5}} \vee t_{e_{1,2}, \neg e_{2,3}}$
4463. $e_{1,2}, \neg e_{1,2} \vee t_{\neg e_{1,2}, e_{2,3}} \vee e_{1,3} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee e_{1,3}$
4464. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,3}, \neg e_{2,3}} \vee \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vee t_{e_{1,3}, \neg e_{2,3}}$
4465. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, \neg e_{2,3}}$
4466. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,2}, e_{1,3}} \vee e_{1,3} \vdash t_{e_{1,2}, e_{1,3}} \vee e_{1,3}$
4467. $e_{1,2}, \neg e_{1,2} \vee e_{1,5} \vee t_{\neg e_{1,3}, e_{2,3}} \vdash e_{1,5} \vee t_{\neg e_{1,3}, e_{2,3}}$
4468. $e_{1,2}, \neg e_{1,2} \vee t_{\neg e_{1,2}, \neg e_{1,3}} \vee e_{1,3} \vdash e_{1,3} \vee t_{\neg e_{1,2}, \neg e_{1,3}}$
4469. $e_{1,2}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vee \neg t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vee \neg t_{\neg e_{1,2}, e_{2,3}}$
4470. $e_{1,2}, \neg e_{1,2} \vee \neg e_{1,5} \vee \neg t_{\neg e_{1,2}, e_{1,3}} \vdash \neg e_{1,5} \vee \neg t_{\neg e_{1,2}, e_{1,3}}$
4471. $e_{1,2}, \neg e_{1,2} \vee \neg t_{\neg e_{1,3}, e_{2,3}} \vee e_{1,6} \vdash e_{1,6} \vee \neg t_{\neg e_{1,3}, e_{2,3}}$
4472. $e_{1,2}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2}, e_{2,3}} \vee \neg e_{2,6} \vdash \neg e_{2,6} \vee \neg t_{\neg e_{1,2}, e_{2,3}}$
4473. $e_{1,2}, \neg e_{1,2} \vee \neg e_{1,6} \vee \neg t_{e_{1,3}, \neg e_{2,3}} \vdash \neg t_{e_{1,3}, \neg e_{2,3}} \vee \neg e_{1,6}$

4474. $e_{1,2}, \neg e_{1,2} \vee \neg e_{2,3} \vee e_{2,6} \vdash \neg e_{2,3} \vee e_{2,6}$
4475. $e_{1,2}, \neg e_{1,2} \vee \neg e_{1,3} \vee t_{e_{1,2}, e_{2,3}} \vdash \neg e_{1,3} \vee t_{e_{1,2}, e_{2,3}}$
4476. $e_{1,2}, \neg e_{1,2} \vee e_{1,5} \vee t_{e_{1,3}, \neg e_{2,3}} \vdash e_{1,5} \vee t_{e_{1,3}, \neg e_{2,3}}$
4477. $e_{1,2}, \neg e_{1,2} \vee t_{\neg e_{1,2}, \neg e_{2,3}} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \vee t_{e_{1,2}, \neg e_{1,3}}$
4478. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,5}, e_{2,5}} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,5}, e_{2,5}}$
4479. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,2}, \neg e_{2,3}} \vee e_{1,3} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee e_{1,3}$
4480. $e_{1,2}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vee t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vee t_{\neg e_{1,2}, \neg e_{1,3}}$
4481. $e_{1,2}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2}, e_{1,3}} \vee e_{1,3} \vdash e_{1,3} \vee \neg t_{\neg e_{1,2}, e_{1,3}}$
4482. $e_{1,2}, \neg e_{1,2} \vee \neg t_{e_{1,6}, \neg e_{2,6}} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee \neg t_{e_{1,6}, \neg e_{2,6}}$
4483. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,3}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, e_{1,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, e_{1,3}}$
4484. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,2}, e_{2,3}} \vee e_{1,6} \vdash e_{1,6} \vee t_{e_{1,2}, e_{2,3}}$
4485. $e_{1,2}, \neg e_{1,2} \vee t_{\neg e_{1,2}, e_{1,3}} \vee \neg t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \vee \neg t_{\neg e_{1,3}, e_{2,3}}$
4486. $e_{1,2}, \neg e_{1,2} \vee \neg t_{\neg e_{1,5}, e_{2,5}} \vee t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,5}, e_{2,5}} \vee t_{e_{1,2}, \neg e_{2,3}}$
4487. $e_{1,2}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2}, e_{2,3}} \vee e_{2,6} \vdash e_{2,6} \vee \neg t_{\neg e_{1,2}, e_{2,3}}$
4488. $e_{1,2}, \neg e_{1,2} \vee \neg e_{1,5} \vee t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{1,5}$
4489. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,2}, e_{1,3}} \vee \neg t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, e_{1,3}} \vee \neg t_{\neg e_{1,2}, e_{2,3}}$
4490. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,2}, \neg e_{2,3}} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee t_{e_{1,2}, \neg e_{1,3}}$
4491. $e_{1,2}, \neg e_{1,2} \vee t_{\neg e_{1,2}, e_{1,3}} \vee \neg t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,2}, e_{1,3}} \vee \neg t_{\neg e_{1,6}, e_{2,6}}$
4492. $e_{1,2}, \neg e_{1,2} \vee t_{\neg e_{1,2}, e_{2,3}} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee t_{e_{1,2}, \neg e_{1,3}}$
4493. $e_{1,2}, \neg e_{1,2} \vee e_{1,6} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,6} \vee t_{e_{1,2}, \neg e_{1,3}}$
4494. $e_{1,2}, \neg e_{1,3} \vee \neg e_{1,2} \vee \neg t_{e_{1,5}, \neg e_{2,5}} \vdash \neg e_{1,3} \vee \neg t_{e_{1,5}, \neg e_{2,5}}$
4495. $e_{1,2}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2}, e_{2,3}} \vee t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, \neg e_{1,3}} \vee \neg t_{\neg e_{1,2}, e_{2,3}}$
4496. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,2}, e_{2,3}} \vee \neg t_{e_{1,5}, \neg e_{2,5}} \vdash \neg t_{e_{1,5}, \neg e_{2,5}} \vee t_{e_{1,2}, e_{2,3}}$
4497. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,2}, e_{1,3}} \vee \neg t_{\neg e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \vee \neg t_{\neg e_{1,2}, e_{1,3}}$
4498. $e_{1,2}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2}, e_{1,3}} \vee e_{2,6} \vdash e_{2,6} \vee \neg t_{\neg e_{1,2}, e_{1,3}}$
4499. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,6}, \neg e_{2,6}} \vee e_{2,3} \vdash t_{e_{1,6}, \neg e_{2,6}} \vee e_{2,3}$
4500. $e_{1,2}, \neg e_{1,2} \vee \neg t_{e_{1,5}, \neg e_{2,5}} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,5}, \neg e_{2,5}} \vee t_{e_{1,2}, \neg e_{1,3}}$

4501. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,2}, \neg e_{2,3}} \vee e_{1,6} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee e_{1,6}$
4502. $e_{1,2}, \neg e_{1,2} \vee t_{\neg e_{1,3}, e_{2,3}} \vee e_{2,6} \vdash e_{2,6} \vee t_{\neg e_{1,3}, e_{2,3}}$
4503. $e_{1,2}, \neg e_{1,2} \vee t_{\neg e_{1,3}, e_{2,3}} \vee \neg t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{\neg e_{1,2}, e_{2,3}} \vee t_{\neg e_{1,3}, e_{2,3}}$
4504. $e_{1,2}, \neg e_{1,2} \vee \neg t_{e_{1,6}, \neg e_{2,6}} \vee t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \vee t_{e_{1,2}, e_{2,3}}$
4505. $e_{1,2}, \neg e_{1,2} \vee t_{\neg e_{1,3}, e_{2,3}} \vee t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,3}, e_{2,3}}$
4506. $e_{1,2}, \neg e_{1,2} \vee t_{\neg e_{1,3}, e_{2,3}} \vee \neg e_{1,5} \vdash \neg e_{1,5} \vee t_{\neg e_{1,3}, e_{2,3}}$
4507. $e_{1,2}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, \neg e_{2,3}}$
4508. $e_{1,2}, \neg e_{1,2} \vee e_{1,3} \vee \neg t_{\neg e_{1,6}, e_{2,6}} \vdash e_{1,3} \vee \neg t_{\neg e_{1,6}, e_{2,6}}$
4509. $e_{1,2}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2}, e_{2,3}} \vee e_{1,3} \vdash e_{1,3} \vee \neg t_{\neg e_{1,2}, e_{2,3}}$
4510. $e_{1,2}, \neg e_{1,2} \vee \neg t_{e_{1,3}, \neg e_{2,3}} \vee t_{\neg e_{1,5}, e_{2,5}} \vdash \neg t_{e_{1,3}, \neg e_{2,3}} \vee t_{\neg e_{1,5}, e_{2,5}}$
4511. $e_{1,2}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vee t_{e_{1,2}, \neg e_{1,3}}$
4512. $e_{1,2}, \neg e_{1,2} \vee t_{\neg e_{1,3}, e_{2,3}} \vee e_{1,6} \vdash e_{1,6} \vee t_{\neg e_{1,3}, e_{2,3}}$
4513. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,2}, \neg e_{2,3}} \vee \neg t_{e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee \neg t_{e_{1,5}, \neg e_{2,5}}$
4514. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,2}, e_{1,3}} \vee \neg t_{\neg e_{1,3}, e_{2,3}} \vdash t_{e_{1,2}, e_{1,3}} \vee \neg t_{\neg e_{1,3}, e_{2,3}}$
4515. $e_{1,2}, \neg e_{1,2} \vee \neg e_{1,3} \vee e_{1,6} \vdash e_{1,6} \vee \neg e_{1,3}$
4516. $e_{1,2}, \neg e_{1,2} \vee t_{\neg e_{1,2}, e_{1,3}} \vee e_{2,3} \vdash e_{2,3} \vee t_{\neg e_{1,2}, e_{1,3}}$
4517. $e_{1,2}, \neg e_{1,2} \vee e_{1,5} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,5} \vee t_{e_{1,2}, \neg e_{1,3}}$
4518. $e_{1,2}, \neg e_{1,2} \vee e_{1,3} \vee e_{2,3} \vdash e_{1,3} \vee e_{2,3}$
4519. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,5}, \neg e_{2,5}} \vee e_{2,3} \vdash t_{e_{1,5}, \neg e_{2,5}} \vee e_{2,3}$
4520. $e_{1,2}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2}, e_{2,3}} \vee \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg t_{\neg e_{1,6}, e_{2,6}} \vee \neg t_{\neg e_{1,2}, e_{2,3}}$
4521. $e_{1,2}, \neg e_{1,2} \vee \neg t_{e_{1,6}, \neg e_{2,6}} \vee \neg t_{\neg e_{1,2}, e_{1,3}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \vee \neg t_{\neg e_{1,2}, e_{1,3}}$
4522. $e_{1,2}, \neg e_{1,2} \vee e_{2,3} \vee t_{\neg e_{1,5}, e_{2,5}} \vdash e_{2,3} \vee t_{\neg e_{1,5}, e_{2,5}}$
4523. $e_{1,2}, \neg e_{1,2} \vee \neg e_{1,3} \vee t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}} \vee \neg e_{1,3}$
4524. $e_{1,2}, \neg e_{1,2} \vee \neg e_{1,5} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee \neg e_{1,5}$
4525. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,2}, e_{1,3}} \vee \neg e_{2,6} \vdash t_{e_{1,2}, e_{1,3}} \vee \neg e_{2,6}$
4526. $e_{1,2}, \neg e_{1,2} \vee \neg e_{1,5} \vee e_{1,3} \vdash e_{1,3} \vee \neg e_{1,5}$
4527. $e_{1,2}, \neg e_{1,2} \vee e_{2,3} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash e_{2,3} \vee t_{e_{1,2}, \neg e_{1,3}}$

4528. $e_{1,2}, \neg e_{1,2} \vee e_{1,5} \vee t_{e_{1,2}, \neg e_{2,3}} \vdash e_{1,5} \vee t_{e_{1,2}, \neg e_{2,3}}$
4529. $e_{1,2}, \neg e_{1,2} \vee \neg e_{1,3} \vee e_{2,3} \vdash e_{2,3} \vee \neg e_{1,3}$
4530. $e_{1,2}, \neg e_{1,2} \vee \neg t_{e_{1,3}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,3}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, \neg e_{2,3}}$
4531. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,2}, e_{1,3}} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \vee t_{e_{1,2}, \neg e_{1,3}}$
4532. $e_{1,2}, \neg e_{1,2} \vee \neg t_{\neg e_{1,3}, e_{2,3}} \vee \neg t_{\neg e_{1,5}, e_{2,5}} \vdash \neg t_{\neg e_{1,5}, e_{2,5}} \vee \neg t_{\neg e_{1,3}, e_{2,3}}$
4533. $e_{1,2}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2}, e_{1,3}} \vee t_{\neg e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,5}, e_{2,5}} \vee \neg t_{\neg e_{1,2}, e_{1,3}}$
4534. $e_{1,2}, \neg e_{1,2} \vee \neg e_{1,3} \vee t_{\neg e_{1,5}, e_{2,5}} \vdash \neg e_{1,3} \vee t_{\neg e_{1,5}, e_{2,5}}$
4535. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,2}, e_{1,3}} \vee t_{e_{1,3}, \neg e_{2,3}} \vdash t_{e_{1,2}, e_{1,3}} \vee t_{e_{1,3}, \neg e_{2,3}}$
4536. $e_{1,2}, \neg e_{1,2} \vee e_{1,6} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee e_{1,6}$
4537. $e_{1,2}, \neg e_{1,2} \vee \neg t_{e_{1,3}, \neg e_{2,3}} \vee e_{2,3} \vdash \neg t_{e_{1,3}, \neg e_{2,3}} \vee e_{2,3}$
4538. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,2}, e_{1,3}} \vee e_{2,3} \vdash t_{e_{1,2}, e_{1,3}} \vee e_{2,3}$
4539. $e_{1,2}, \neg e_{1,2} \vee \neg t_{\neg e_{1,3}, e_{2,3}} \vee e_{1,3} \vdash e_{1,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}}$
4540. $e_{1,2}, \neg e_{1,2} \vee t_{\neg e_{1,2}, \neg e_{2,3}} \vee \neg t_{\neg e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \vee \neg t_{\neg e_{1,2}, e_{1,3}}$
4541. $e_{1,2}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2}, e_{1,3}} \vee e_{2,3} \vdash e_{2,3} \vee \neg t_{\neg e_{1,2}, e_{1,3}}$
4542. $e_{1,2}, \neg e_{1,2} \vee t_{\neg e_{1,2}, e_{1,3}} \vee \neg t_{\neg e_{1,5}, e_{2,5}} \vdash \neg t_{\neg e_{1,5}, e_{2,5}} \vee t_{\neg e_{1,2}, e_{1,3}}$
4543. $e_{1,2}, \neg e_{1,2} \vee \neg e_{2,3} \vee t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}} \vee \neg e_{2,3}$
4544. $e_{1,2}, \neg e_{1,2} \vee t_{\neg e_{1,3}, \neg e_{2,3}} \vee \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,3}, \neg e_{2,3}}$
4545. $e_{1,2}, \neg e_{1,2} \vee e_{1,5} \vee \neg t_{\neg e_{1,2}, e_{2,3}} \vdash e_{1,5} \vee \neg t_{\neg e_{1,2}, e_{2,3}}$
4546. $e_{1,2}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2}, e_{2,3}} \vee e_{1,6} \vdash e_{1,6} \vee \neg t_{\neg e_{1,2}, e_{2,3}}$
4547. $t_{e_{1,2}, e_{1,3}}, \neg t_{e_{1,2}, e_{1,3}} \vee e_{1,3} \vee e_{1,2} \vdash e_{1,2} \vee e_{1,3}$
4548. $t_{e_{1,2}, e_{1,3}}, \neg t_{e_{1,2}, e_{1,3}} \vee t_{e_{1,2}, e_{2,3}} \vee e_{1,3} \vdash t_{e_{1,2}, e_{2,3}} \vee e_{1,3}$
4549. $t_{e_{1,2}, e_{1,3}}, t_{\neg e_{1,2}, e_{1,3}} \vee \neg t_{e_{1,2}, e_{1,3}} \vee e_{1,2} \vdash e_{1,2} \vee t_{\neg e_{1,2}, e_{1,3}}$
4550. $t_{e_{1,2}, e_{1,3}}, t_{e_{1,3}, \neg e_{2,3}} \vee \neg t_{e_{1,2}, e_{1,3}} \vee e_{1,2} \vdash t_{e_{1,3}, \neg e_{2,3}} \vee e_{1,2}$
4551. $t_{e_{1,2}, e_{1,3}}, \neg t_{e_{1,2}, e_{1,3}} \vee t_{e_{1,3}, e_{2,3}} \vee e_{1,2} \vdash t_{e_{1,3}, e_{2,3}} \vee e_{1,2}$
4552. $t_{e_{1,2}, e_{1,3}}, \neg t_{e_{1,2}, e_{1,3}} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vee e_{1,2} \vdash e_{1,2} \vee \neg t_{e_{1,2}, \neg e_{1,3}}$
4553. $t_{e_{1,2}, e_{1,3}}, \neg t_{e_{1,2}, e_{1,3}} \vee t_{e_{1,2}, \neg e_{2,3}} \vee e_{1,3} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee e_{1,3}$
4554. $t_{e_{1,2}, e_{1,3}}, \neg t_{e_{1,2}, e_{1,3}} \vee \neg t_{\neg e_{1,2}, e_{1,3}} \vee e_{1,3} \vdash \neg t_{\neg e_{1,2}, e_{1,3}} \vee e_{1,3}$

4555. $t_{e_{1,2}, e_{1,3}}, \neg t_{e_{1,2}, e_{1,3}} \vee e_{1,3} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,3} \vee t_{e_{1,2}, \neg e_{1,3}}$
4556. $t_{e_{1,6}, e_{2,6}}, t_{\neg e_{1,6}, e_{2,6}} \vee \neg t_{e_{1,6}, e_{2,6}} \vee e_{1,6} \vdash t_{\neg e_{1,6}, e_{2,6}} \vee e_{1,6}$
4557. $t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \vee t_{\neg e_{1,2}, \neg e_{1,3}} \vee e_{2,6} \vdash t_{\neg e_{1,2}, \neg e_{1,3}} \vee e_{2,6}$
4558. $t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \vee t_{\neg e_{1,2}, \neg e_{2,3}} \vee e_{1,6} \vdash e_{1,6} \vee t_{\neg e_{1,2}, \neg e_{2,3}}$
4559. $t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \vee e_{1,6} \vee e_{2,3} \vdash e_{2,3} \vee e_{1,6}$
4560. $t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \vee e_{2,6} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash e_{2,6} \vee t_{e_{1,2}, \neg e_{1,3}}$
4561. $t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \vee t_{e_{1,2}, \neg e_{2,3}} \vee e_{1,6} \vdash e_{1,6} \vee t_{e_{1,2}, \neg e_{2,3}}$
4562. $t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \vee \neg t_{e_{1,6}, \neg e_{2,6}} \vee e_{1,6} \vdash e_{1,6} \vee \neg t_{e_{1,6}, \neg e_{2,6}}$
4563. $t_{e_{1,6}, e_{2,6}}, t_{\neg e_{1,2}, e_{1,3}} \vee \neg t_{e_{1,6}, e_{2,6}} \vee e_{2,6} \vdash t_{\neg e_{1,2}, e_{1,3}} \vee e_{2,6}$
4564. $t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \vee t_{e_{1,6}, \neg e_{2,6}} \vee e_{2,6} \vdash t_{e_{1,6}, \neg e_{2,6}} \vee e_{2,6}$
4565. $t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \vee e_{1,6} \vee e_{2,6} \vdash e_{1,6} \vee e_{2,6}$
4566. $t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \vee t_{e_{1,2}, e_{2,3}} \vee e_{1,6} \vdash e_{1,6} \vee t_{e_{1,2}, e_{2,3}}$
4567. $t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \vee e_{2,6} \vee \neg t_{\neg e_{1,6}, e_{2,6}} \vdash e_{2,6} \vee \neg t_{\neg e_{1,6}, e_{2,6}}$
4568. $t_{e_{1,6}, e_{2,6}}, t_{e_{1,2}, e_{1,3}} \vee \neg t_{e_{1,6}, e_{2,6}} \vee e_{2,6} \vdash t_{e_{1,2}, e_{1,3}} \vee e_{2,6}$
4569. $t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \vee e_{1,2} \vee e_{2,6} \vdash e_{1,2} \vee e_{2,6}$
4570. $t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \vee e_{1,6} \vee e_{1,2} \vdash e_{1,6} \vee e_{1,2}$
4571. $t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \vee e_{1,6} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash e_{1,6} \vee t_{\neg e_{1,2}, e_{2,3}}$
4572. $t_{e_{1,6}, e_{2,6}}, \neg t_{e_{1,6}, e_{2,6}} \vee e_{1,3} \vee e_{2,6} \vdash e_{1,3} \vee e_{2,6}$
4573. $e_{1,3}, \neg e_{1,3} \vee t_{e_{1,2}, e_{2,3}} \vee e_{2,3} \vdash e_{2,3} \vee t_{e_{1,2}, e_{2,3}}$
4574. $e_{1,3}, \neg e_{1,3} \vee \neg e_{1,6} \vee t_{e_{1,3}, \neg e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \vee \neg e_{1,6}$
4575. $e_{1,3}, \neg e_{1,3} \vee \neg t_{\neg e_{1,2}, e_{2,3}} \vee \neg e_{3,5} \vdash \neg e_{3,5} \vee \neg t_{\neg e_{1,2}, e_{2,3}}$
4576. $e_{1,3}, \neg e_{1,3} \vee e_{2,3} \vee e_{1,2} \vdash e_{2,3} \vee e_{1,2}$
4577. $e_{1,3}, \neg e_{1,3} \vee \neg t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{1,5} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{1,5}$
4578. $e_{1,3}, \neg e_{1,3} \vee t_{\neg e_{1,2}, e_{1,3}} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee t_{\neg e_{1,2}, e_{1,3}}$
4579. $e_{1,3}, \neg e_{1,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vee t_{e_{1,3}, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vee t_{e_{1,3}, \neg e_{2,3}}$
4580. $e_{1,3}, \neg e_{1,3} \vee t_{\neg e_{1,3}, e_{2,3}} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee t_{\neg e_{1,3}, e_{2,3}}$
4581. $e_{1,3}, \neg e_{1,3} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vee t_{\neg e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,5}, e_{2,5}} \vee \neg t_{e_{1,2}, \neg e_{1,3}}$

4582. $e_{1,3}, \neg e_{1,3} \vee t_{e_{1,2}, \neg e_{2,3}} \vee e_{3,6} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee e_{3,6}$
4583. $e_{1,3}, \neg e_{1,3} \vee \neg e_{2,3} \vee \neg e_{3,5} \vdash \neg e_{2,3} \vee \neg e_{3,5}$
4584. $e_{1,3}, \neg e_{1,3} \vee t_{e_{1,3}, e_{2,3}} \vee \neg t_{e_{1,5}, \neg e_{2,5}} \vdash \neg t_{e_{1,5}, \neg e_{2,5}} \vee t_{e_{1,3}, e_{2,3}}$
4585. $e_{1,3}, \neg e_{1,3} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee \neg t_{e_{1,2}, \neg e_{1,3}}$
4586. $e_{1,3}, \neg e_{1,3} \vee e_{3,5} \vee \neg t_{\neg e_{1,3}, e_{2,3}} \vdash e_{3,5} \vee \neg t_{\neg e_{1,3}, e_{2,3}}$
4587. $e_{1,3}, \neg e_{1,3} \vee t_{e_{1,2}, e_{1,3}} \vee e_{3,5} \vdash t_{e_{1,2}, e_{1,3}} \vee e_{3,5}$
4588. $e_{1,3}, \neg e_{1,3} \vee \neg e_{3,6} \vee t_{\neg e_{1,2}, e_{1,3}} \vdash \neg e_{3,6} \vee t_{\neg e_{1,2}, e_{1,3}}$
4589. $e_{1,3}, \neg e_{1,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}} \vee t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, e_{2,3}} \vee \neg t_{\neg e_{1,3}, e_{2,3}}$
4590. $e_{1,3}, \neg e_{1,3} \vee t_{e_{1,3}, \neg e_{2,3}} \vee e_{2,6} \vdash t_{e_{1,3}, \neg e_{2,3}} \vee e_{2,6}$
4591. $e_{1,3}, \neg e_{1,3} \vee t_{\neg e_{1,3}, e_{2,3}} \vee e_{1,2} \vdash e_{1,2} \vee t_{\neg e_{1,3}, e_{2,3}}$
4592. $e_{1,3}, \neg e_{1,3} \vee e_{3,5} \vee e_{1,2} \vdash e_{3,5} \vee e_{1,2}$
4593. $e_{1,3}, \neg e_{1,3} \vee \neg e_{1,6} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee \neg e_{1,6}$
4594. $e_{1,3}, \neg e_{1,3} \vee t_{e_{1,3}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee t_{e_{1,3}, \neg e_{2,3}}$
4595. $e_{1,3}, \neg e_{1,3} \vee t_{\neg e_{1,2}, e_{1,3}} \vee \neg e_{3,5} \vdash t_{\neg e_{1,2}, e_{1,3}} \vee \neg e_{3,5}$
4596. $e_{1,3}, \neg e_{1,3} \vee e_{3,6} \vee e_{1,2} \vdash e_{3,6} \vee e_{1,2}$
4597. $e_{1,3}, \neg e_{1,3} \vee t_{e_{1,2}, \neg e_{2,3}} \vee e_{2,3} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee e_{2,3}$
4598. $e_{1,3}, \neg e_{1,3} \vee e_{3,5} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash e_{3,5} \vee t_{e_{1,2}, \neg e_{1,3}}$
4599. $e_{1,3}, \neg e_{1,3} \vee t_{\neg e_{1,2}, e_{2,3}} \vee e_{2,3} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee e_{2,3}$
4600. $e_{1,3}, \neg e_{1,3} \vee \neg e_{1,6} \vee \neg t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{1,6}$
4601. $e_{1,3}, \neg e_{1,3} \vee t_{\neg e_{1,3}, e_{2,3}} \vee \neg t_{e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \vee t_{\neg e_{1,3}, e_{2,3}}$
4602. $e_{1,3}, \neg e_{1,3} \vee e_{3,5} \vee e_{2,3} \vdash e_{2,3} \vee e_{3,5}$
4603. $e_{1,3}, \neg e_{1,3} \vee t_{\neg e_{1,3}, e_{2,3}} \vee t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,3}, e_{2,3}}$
4604. $e_{1,3}, \neg e_{1,3} \vee t_{e_{1,3}, e_{2,3}} \vee t_{\neg e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,5}, e_{2,5}} \vee t_{e_{1,3}, e_{2,3}}$
4605. $e_{1,3}, \neg e_{1,3} \vee t_{\neg e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee t_{\neg e_{1,2}, \neg e_{2,3}}$
4606. $e_{1,3}, \neg e_{1,3} \vee t_{\neg e_{1,2}, e_{2,3}} \vee t_{\neg e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee t_{\neg e_{1,5}, e_{2,5}}$
4607. $e_{1,3}, \neg e_{1,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}} \vee t_{e_{1,3}, e_{2,3}} \vdash t_{e_{1,3}, e_{2,3}} \vee \neg t_{\neg e_{1,3}, e_{2,3}}$
4608. $e_{1,3}, \neg e_{1,3} \vee \neg e_{3,6} \vee t_{e_{1,3}, \neg e_{2,3}} \vdash \neg e_{3,6} \vee t_{e_{1,3}, \neg e_{2,3}}$

4609. $e_{1,3}, \neg e_{1,3} \vee t_{e_{1,2}, e_{1,3}} \vee \neg e_{3,6} \vdash t_{e_{1,2}, e_{1,3}} \vee \neg e_{3,6}$
4610. $e_{1,3}, \neg e_{1,3} \vee \neg t_{e_{1,2}, \neg e_{2,3}} \vee \neg t_{e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \vee \neg t_{e_{1,6}, \neg e_{2,6}}$
4611. $e_{1,3}, \neg e_{1,3} \vee \neg t_{e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, \neg e_{2,3}}$
4612. $e_{1,3}, \neg e_{1,3} \vee \neg t_{e_{1,6}, \neg e_{2,6}} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee \neg t_{e_{1,6}, \neg e_{2,6}}$
4613. $e_{1,3}, \neg e_{1,3} \vee \neg e_{1,6} \vee e_{2,3} \vdash e_{2,3} \vee \neg e_{1,6}$
4614. $e_{1,3}, \neg e_{1,3} \vee t_{e_{1,3}, e_{2,3}} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee t_{e_{1,3}, e_{2,3}}$
4615. $e_{1,3}, \neg e_{1,3} \vee t_{e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, e_{2,3}}$
4616. $e_{1,3}, \neg e_{1,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, \neg e_{2,3}}$
4617. $e_{1,3}, \neg e_{1,2} \vee \neg e_{1,3} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{1,2} \vee t_{\neg e_{1,2}, e_{2,3}}$
4618. $e_{1,3}, \neg e_{1,3} \vee t_{e_{1,3}, \neg e_{2,3}} \vee \neg t_{e_{1,5}, \neg e_{2,5}} \vdash \neg t_{e_{1,5}, \neg e_{2,5}} \vee t_{e_{1,3}, \neg e_{2,3}}$
4619. $e_{1,3}, \neg e_{1,3} \vee t_{\neg e_{1,2}, e_{1,3}} \vee \neg e_{1,5} \vdash \neg e_{1,5} \vee t_{\neg e_{1,2}, e_{1,3}}$
4620. $e_{1,3}, \neg e_{1,3} \vee t_{e_{1,3}, \neg e_{2,3}} \vee \neg t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,3}, \neg e_{2,3}} \vee \neg t_{e_{1,6}, \neg e_{2,6}}$
4621. $e_{1,3}, \neg e_{1,3} \vee t_{e_{1,3}, \neg e_{2,3}} \vee t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee t_{e_{1,3}, \neg e_{2,3}}$
4622. $e_{1,3}, \neg e_{1,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}} \vee e_{3,6} \vdash e_{3,6} \vee \neg t_{\neg e_{1,3}, e_{2,3}}$
4623. $e_{1,3}, \neg e_{1,3} \vee t_{e_{1,3}, \neg e_{2,3}} \vee \neg e_{1,5} \vdash \neg e_{1,5} \vee t_{e_{1,3}, \neg e_{2,3}}$
4624. $e_{1,3}, \neg e_{1,3} \vee \neg e_{3,6} \vee e_{2,3} \vdash \neg e_{3,6} \vee e_{2,3}$
4625. $e_{1,3}, \neg e_{1,2} \vee \neg e_{1,3} \vee \neg t_{e_{1,6}, \neg e_{2,6}} \vdash \neg e_{1,2} \vee \neg t_{e_{1,6}, \neg e_{2,6}}$
4626. $e_{1,3}, \neg e_{1,3} \vee t_{e_{1,2}, e_{1,3}} \vee \neg e_{3,5} \vdash t_{e_{1,2}, e_{1,3}} \vee \neg e_{3,5}$
4627. $e_{1,3}, \neg e_{1,2} \vee e_{1,5} \vee \neg e_{1,3} \vdash \neg e_{1,2} \vee e_{1,5}$
4628. $e_{1,3}, \neg e_{1,3} \vee \neg e_{2,3} \vee e_{3,6} \vdash e_{3,6} \vee \neg e_{2,3}$
4629. $e_{1,3}, \neg e_{1,3} \vee \neg e_{3,6} \vee \neg t_{\neg e_{1,3}, e_{2,3}} \vdash \neg e_{3,6} \vee \neg t_{\neg e_{1,3}, e_{2,3}}$
4630. $e_{1,3}, \neg e_{1,2} \vee \neg e_{1,3} \vee \neg e_{1,6} \vdash \neg e_{1,2} \vee \neg e_{1,6}$
4631. $e_{1,3}, e_{1,5} \vee \neg e_{1,3} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash e_{1,5} \vee t_{\neg e_{1,2}, e_{2,3}}$
4632. $e_{1,3}, e_{1,5} \vee \neg e_{1,3} \vee \neg t_{e_{1,2}, \neg e_{2,3}} \vdash e_{1,5} \vee \neg t_{e_{1,2}, \neg e_{2,3}}$
4633. $e_{1,3}, \neg e_{1,3} \vee \neg t_{e_{1,2}, \neg e_{2,3}} \vee \neg t_{e_{1,5}, \neg e_{2,5}} \vdash \neg t_{e_{1,5}, \neg e_{2,5}} \vee \neg t_{e_{1,2}, \neg e_{2,3}}$
4634. $e_{1,3}, \neg e_{1,3} \vee t_{\neg e_{1,2}, e_{2,3}} \vee e_{2,6} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee e_{2,6}$
4635. $e_{1,3}, \neg e_{1,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}} \vee t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, e_{2,3}} \vee \neg t_{\neg e_{1,3}, e_{2,3}}$

4636. $e_{1,3}, \neg e_{1,3} \vee \neg e_{3,6} \vee \neg e_{2,3} \vdash \neg e_{3,6} \vee \neg e_{2,3}$
4637. $e_{1,3}, \neg e_{1,3} \vee \neg e_{3,5} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, \neg e_{1,3}} \vee \neg e_{3,5}$
4638. $e_{1,3}, \neg e_{1,3} \vee t_{\neg e_{1,3}, e_{2,3}} \vee e_{2,6} \vdash e_{2,6} \vee t_{\neg e_{1,3}, e_{2,3}}$
4639. $e_{1,3}, \neg e_{1,3} \vee t_{\neg e_{1,2}, e_{1,3}} \vee \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vee t_{\neg e_{1,2}, e_{1,3}}$
4640. $e_{1,3}, e_{1,5} \vee \neg e_{1,3} \vee t_{\neg e_{1,3}, e_{2,3}} \vdash e_{1,5} \vee t_{\neg e_{1,3}, e_{2,3}}$
4641. $e_{1,3}, \neg e_{1,3} \vee \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vee t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \vee \neg t_{\neg e_{1,2}, \neg e_{1,3}}$
4642. $e_{1,3}, \neg e_{1,3} \vee t_{\neg e_{1,2}, e_{1,3}} \vee e_{2,6} \vdash t_{\neg e_{1,2}, e_{1,3}} \vee e_{2,6}$
4643. $e_{1,3}, \neg e_{1,3} \vee \neg e_{3,5} \vee e_{2,3} \vdash e_{2,3} \vee \neg e_{3,5}$
4644. $e_{1,3}, \neg e_{1,3} \vee t_{e_{1,3}, \neg e_{2,3}} \vee t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}} \vee t_{e_{1,2}, e_{2,3}}$
4645. $e_{1,3}, \neg e_{1,3} \vee \neg e_{1,5} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee \neg e_{1,5}$
4646. $e_{1,3}, \neg e_{1,3} \vee t_{e_{1,2}, e_{1,3}} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \vee \neg t_{e_{1,2}, \neg e_{1,3}}$
4647. $e_{1,3}, \neg e_{1,3} \vee \neg e_{3,5} \vee e_{1,2} \vdash e_{1,2} \vee \neg e_{3,5}$
4648. $e_{1,3}, \neg e_{1,3} \vee \neg t_{e_{1,6}, \neg e_{2,6}} \vee t_{e_{1,3}, e_{2,3}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \vee t_{e_{1,3}, e_{2,3}}$
4649. $e_{1,3}, e_{1,5} \vee \neg e_{1,3} \vee t_{e_{1,3}, \neg e_{2,3}} \vdash e_{1,5} \vee t_{e_{1,3}, \neg e_{2,3}}$
4650. $e_{1,3}, \neg e_{1,3} \vee \neg t_{e_{1,6}, \neg e_{2,6}} \vee e_{1,2} \vdash e_{1,2} \vee \neg t_{e_{1,6}, \neg e_{2,6}}$
4651. $e_{1,3}, \neg e_{1,3} \vee t_{\neg e_{1,3}, e_{2,3}} \vee t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, e_{2,3}} \vee t_{\neg e_{1,3}, e_{2,3}}$
4652. $e_{1,3}, \neg e_{1,2} \vee \neg e_{1,3} \vee \neg e_{1,5} \vdash \neg e_{1,2} \vee \neg e_{1,5}$
4653. $e_{1,3}, \neg e_{1,3} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vee e_{2,3} \vdash e_{2,3} \vee \neg t_{e_{1,2}, \neg e_{1,3}}$
4654. $e_{1,3}, \neg e_{1,3} \vee t_{e_{1,3}, e_{2,3}} \vee e_{2,3} \vdash e_{2,3} \vee t_{e_{1,3}, e_{2,3}}$
4655. $e_{1,3}, \neg e_{1,3} \vee e_{1,2} \vee t_{\neg e_{1,5}, e_{2,5}} \vdash e_{1,2} \vee t_{\neg e_{1,5}, e_{2,5}}$
4656. $e_{1,3}, \neg e_{1,3} \vee \neg e_{1,6} \vee t_{\neg e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \vee \neg e_{1,6}$
4657. $e_{1,3}, \neg e_{1,3} \vee \neg t_{e_{1,2}, \neg e_{2,3}} \vee e_{1,6} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \vee e_{1,6}$
4658. $e_{1,3}, \neg e_{1,3} \vee \neg t_{e_{1,6}, \neg e_{2,6}} \vee e_{2,3} \vdash e_{2,3} \vee \neg t_{e_{1,6}, \neg e_{2,6}}$
4659. $e_{1,3}, \neg e_{1,3} \vee t_{e_{1,3}, \neg e_{2,3}} \vee e_{3,6} \vdash e_{3,6} \vee t_{e_{1,3}, \neg e_{2,3}}$
4660. $e_{1,3}, \neg e_{1,3} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vee t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \vee \neg t_{e_{1,2}, \neg e_{1,3}}$
4661. $e_{1,3}, \neg e_{1,3} \vee t_{\neg e_{1,2}, e_{1,3}} \vee t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, e_{1,3}}$
4662. $e_{1,3}, \neg e_{1,3} \vee \neg e_{3,6} \vee \neg t_{\neg e_{1,2}, e_{2,3}} \vdash \neg e_{3,6} \vee \neg t_{\neg e_{1,2}, e_{2,3}}$

4663. $e_{1,3}, \neg e_{1,2} \vee \neg e_{1,3} \vee t_{\neg e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,2} \vee t_{\neg e_{1,2}, \neg e_{2,3}}$
4664. $e_{1,3}, \neg e_{1,3} \vee e_{3,5} \vee \neg t_{\neg e_{1,2}, e_{2,3}} \vdash e_{3,5} \vee \neg t_{\neg e_{1,2}, e_{2,3}}$
4665. $e_{1,3}, \neg e_{1,3} \vee \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee \neg t_{\neg e_{1,2}, \neg e_{1,3}}$
4666. $e_{1,3}, \neg e_{1,3} \vee \neg t_{e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,5}, e_{2,5}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,5}, e_{2,5}}$
4667. $e_{1,3}, \neg e_{1,3} \vee \neg t_{e_{1,5}, \neg e_{2,5}} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,5}, \neg e_{2,5}} \vee t_{\neg e_{1,2}, e_{2,3}}$
4668. $e_{1,3}, \neg e_{1,3} \vee e_{1,6} \vee e_{2,3} \vdash e_{2,3} \vee e_{1,6}$
4669. $e_{1,3}, \neg e_{1,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}} \vee \neg e_{3,5} \vdash \neg e_{3,5} \vee \neg t_{\neg e_{1,3}, e_{2,3}}$
4670. $e_{1,3}, \neg e_{1,3} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vee e_{1,6} \vdash e_{1,6} \vee \neg t_{e_{1,2}, \neg e_{1,3}}$
4671. $e_{1,3}, \neg e_{1,3} \vee t_{\neg e_{1,2}, e_{1,3}} \vee t_{\neg e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,2}, e_{1,3}} \vee t_{\neg e_{1,5}, e_{2,5}}$
4672. $e_{1,3}, \neg e_{1,3} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vee \neg t_{e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}} \vee \neg t_{e_{1,2}, \neg e_{1,3}}$
4673. $e_{1,3}, \neg e_{1,3} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vee \neg t_{e_{1,5}, \neg e_{2,5}} \vdash \neg t_{e_{1,5}, \neg e_{2,5}} \vee \neg t_{e_{1,2}, \neg e_{1,3}}$
4674. $e_{1,3}, \neg e_{1,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vee t_{\neg e_{1,3}, \neg e_{2,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vee t_{\neg e_{1,3}, \neg e_{2,3}}$
4675. $e_{1,3}, \neg e_{1,3} \vee t_{\neg e_{1,2}, e_{1,3}} \vee e_{1,6} \vdash e_{1,6} \vee t_{\neg e_{1,2}, e_{1,3}}$
4676. $e_{1,3}, \neg e_{1,3} \vee e_{1,5} \vee e_{1,2} \vdash e_{1,5} \vee e_{1,2}$
4677. $e_{1,3}, \neg e_{1,3} \vee t_{\neg e_{1,3}, e_{2,3}} \vee t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,3}, e_{2,3}}$
4678. $e_{1,3}, \neg e_{1,3} \vee e_{1,6} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee e_{1,6}$
4679. $e_{1,3}, \neg e_{1,3} \vee t_{\neg e_{1,2}, \neg e_{2,3}} \vee e_{1,2} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \vee e_{1,2}$
4680. $e_{1,3}, \neg e_{1,3} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \vee t_{e_{1,2}, \neg e_{1,3}}$
4681. $e_{1,3}, \neg e_{1,3} \vee t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{3,5} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{3,5}$
4682. $e_{1,3}, \neg e_{1,3} \vee t_{e_{1,3}, \neg e_{2,3}} \vee \neg e_{3,5} \vdash t_{e_{1,3}, \neg e_{2,3}} \vee \neg e_{3,5}$
4683. $e_{1,3}, \neg e_{1,3} \vee \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vee e_{2,3} \vdash e_{2,3} \vee \neg t_{\neg e_{1,2}, \neg e_{1,3}}$
4684. $e_{1,3}, \neg e_{1,3} \vee t_{\neg e_{1,6}, e_{2,6}} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,6}, e_{2,6}} \vee \neg t_{e_{1,2}, \neg e_{1,3}}$
4685. $e_{1,3}, \neg e_{1,3} \vee e_{1,5} \vee t_{e_{1,3}, e_{2,3}} \vdash e_{1,5} \vee t_{e_{1,3}, e_{2,3}}$
4686. $e_{1,3}, \neg e_{1,3} \vee t_{\neg e_{1,3}, e_{2,3}} \vee \neg e_{1,5} \vdash \neg e_{1,5} \vee t_{\neg e_{1,3}, e_{2,3}}$
4687. $e_{1,3}, \neg e_{1,3} \vee t_{\neg e_{1,3}, e_{2,3}} \vee t_{\neg e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,5}, e_{2,5}} \vee t_{\neg e_{1,3}, e_{2,3}}$
4688. $e_{1,3}, \neg e_{1,3} \vee t_{e_{1,3}, \neg e_{2,3}} \vee e_{3,5} \vdash t_{e_{1,3}, \neg e_{2,3}} \vee e_{3,5}$
4689. $e_{1,3}, \neg e_{1,3} \vee \neg t_{e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee \neg t_{e_{1,2}, \neg e_{2,3}}$

4690. $e_{1,3}, \neg e_{1,3} \vee \neg t_{e_{1,2}, \neg e_{2,3}} \vee e_{2,3} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \vee e_{2,3}$
4691. $e_{1,3}, \neg e_{1,3} \vee \neg e_{1,6} \vee t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, e_{2,3}} \vee \neg e_{1,6}$
4692. $e_{1,3}, e_{1,5} \vee \neg e_{1,3} \vee t_{\neg e_{1,2}, e_{1,3}} \vdash e_{1,5} \vee t_{\neg e_{1,2}, e_{1,3}}$
4693. $e_{1,3}, \neg e_{1,3} \vee t_{\neg e_{1,2}, \neg e_{2,3}} \vee e_{2,3} \vdash e_{2,3} \vee t_{\neg e_{1,2}, \neg e_{2,3}}$
4694. $e_{1,3}, \neg e_{1,3} \vee \neg t_{e_{1,5}, \neg e_{2,5}} \vee e_{2,3} \vdash \neg t_{e_{1,5}, \neg e_{2,5}} \vee e_{2,3}$
4695. $e_{1,3}, \neg e_{1,3} \vee t_{e_{1,2}, \neg e_{2,3}} \vee e_{1,2} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee e_{1,2}$
4696. $e_{1,3}, \neg e_{1,3} \vee \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vee t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, \neg e_{1,3}} \vee \neg t_{\neg e_{1,2}, \neg e_{1,3}}$
4697. $e_{1,3}, \neg e_{1,3} \vee t_{e_{1,3}, \neg e_{2,3}} \vee e_{2,3} \vdash e_{2,3} \vee t_{e_{1,3}, \neg e_{2,3}}$
4698. $e_{1,3}, \neg e_{1,3} \vee \neg e_{1,5} \vee e_{2,3} \vdash e_{2,3} \vee \neg e_{1,5}$
4699. $e_{1,3}, \neg e_{1,3} \vee t_{\neg e_{1,2}, e_{1,3}} \vee t_{e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{1,3}} \vee t_{e_{1,2}, e_{2,3}}$
4700. $e_{1,3}, t_{e_{1,2}, e_{1,3}} \vee \neg e_{1,3} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}} \vee \neg t_{e_{1,2}, \neg e_{1,3}}$
4701. $e_{1,3}, \neg e_{1,2} \vee \neg e_{1,3} \vee e_{2,6} \vdash \neg e_{1,2} \vee e_{2,6}$
4702. $e_{1,3}, \neg e_{1,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}} \vee e_{2,3} \vdash e_{2,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}}$
4703. $e_{1,3}, \neg e_{1,3} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vee e_{2,6} \vdash e_{2,6} \vee \neg t_{e_{1,2}, \neg e_{1,3}}$
4704. $e_{1,3}, \neg e_{1,3} \vee \neg t_{\neg e_{1,3}, e_{2,3}} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee \neg t_{\neg e_{1,3}, e_{2,3}}$
4705. $e_{1,3}, \neg e_{1,3} \vee t_{\neg e_{1,6}, e_{2,6}} \vee t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,6}, e_{2,6}} \vee t_{\neg e_{1,3}, e_{2,3}}$
4706. $e_{1,3}, \neg e_{1,2} \vee \neg e_{1,3} \vee t_{e_{1,2}, \neg e_{2,3}} \vdash \neg e_{1,2} \vee t_{e_{1,2}, \neg e_{2,3}}$
4707. $e_{1,3}, \neg e_{1,3} \vee \neg t_{e_{1,2}, \neg e_{2,3}} \vee t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \vee t_{e_{1,2}, e_{2,3}}$
4708. $e_{1,3}, \neg e_{1,3} \vee t_{\neg e_{1,3}, e_{2,3}} \vee e_{2,3} \vdash e_{2,3} \vee t_{\neg e_{1,3}, e_{2,3}}$
4709. $e_{1,3}, \neg e_{1,3} \vee t_{e_{1,3}, e_{2,3}} \vee e_{1,6} \vdash e_{1,6} \vee t_{e_{1,3}, e_{2,3}}$
4710. $e_{1,3}, \neg e_{1,3} \vee t_{\neg e_{1,2}, e_{1,3}} \vee \neg t_{e_{1,5}, \neg e_{2,5}} \vdash \neg t_{e_{1,5}, \neg e_{2,5}} \vee t_{\neg e_{1,2}, e_{1,3}}$
4711. $e_{1,3}, \neg e_{1,3} \vee \neg t_{e_{1,2}, \neg e_{2,3}} \vee t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee \neg t_{e_{1,2}, \neg e_{2,3}}$
4712. $e_{1,3}, \neg e_{1,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vee t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}}$
4713. $e_{1,3}, \neg e_{1,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vee \neg t_{\neg e_{1,3}, e_{2,3}} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vee \neg t_{\neg e_{1,3}, e_{2,3}}$
4714. $e_{1,3}, \neg e_{1,3} \vee t_{e_{1,3}, \neg e_{2,3}} \vee e_{1,6} \vdash e_{1,6} \vee t_{e_{1,3}, \neg e_{2,3}}$
4715. $e_{1,3}, \neg e_{1,3} \vee t_{\neg e_{1,6}, e_{2,6}} \vee t_{e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,6}, e_{2,6}} \vee t_{e_{1,3}, e_{2,3}}$
4716. $e_{1,3}, \neg e_{1,3} \vee t_{e_{1,3}, e_{2,3}} \vee t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee t_{e_{1,3}, e_{2,3}}$

4717. $e_{1,3}, \neg e_{1,2} \vee \neg e_{1,3} \vee t_{e_{1,2}, e_{2,3}} \vdash \neg e_{1,2} \vee t_{e_{1,2}, e_{2,3}}$
4718. $e_{1,3}, \neg e_{1,3} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vee t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee \neg t_{e_{1,2}, \neg e_{1,3}}$
4719. $e_{1,3}, \neg e_{1,3} \vee e_{1,5} \vee e_{2,3} \vdash e_{1,5} \vee e_{2,3}$
4720. $e_{1,3}, \neg e_{1,3} \vee e_{1,6} \vee e_{1,2} \vdash e_{1,6} \vee e_{1,2}$
4721. $e_{1,3}, \neg e_{1,3} \vee t_{e_{1,3}, e_{2,3}} \vee e_{2,6} \vdash e_{2,6} \vee t_{e_{1,3}, e_{2,3}}$
4722. $e_{1,3}, \neg e_{1,3} \vee \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vee t_{\neg e_{1,2}, e_{1,3}} \vdash \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vee t_{\neg e_{1,2}, e_{1,3}}$
4723. $e_{1,3}, \neg e_{1,3} \vee t_{\neg e_{1,6}, e_{2,6}} \vee t_{\neg e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,6}, e_{2,6}} \vee t_{\neg e_{1,2}, e_{1,3}}$
4724. $e_{1,3}, \neg e_{1,3} \vee \neg e_{1,6} \vee e_{1,2} \vdash e_{1,2} \vee \neg e_{1,6}$
4725. $e_{1,3}, \neg e_{1,3} \vee t_{\neg e_{1,6}, e_{2,6}} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee t_{\neg e_{1,6}, e_{2,6}}$
4726. $e_{1,3}, \neg e_{1,3} \vee e_{2,3} \vee t_{\neg e_{1,5}, e_{2,5}} \vdash e_{2,3} \vee t_{\neg e_{1,5}, e_{2,5}}$
4727. $e_{1,3}, \neg e_{1,3} \vee e_{3,5} \vee t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee e_{3,5}$
4728. $e_{1,3}, \neg e_{1,3} \vee \neg e_{1,2} \vee \neg t_{e_{1,5}, \neg e_{2,5}} \vdash \neg t_{e_{1,5}, \neg e_{2,5}} \vee \neg e_{1,2}$
4729. $e_{1,3}, \neg e_{1,3} \vee t_{e_{1,2}, e_{2,3}} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee t_{e_{1,2}, e_{2,3}}$
4730. $e_{1,3}, \neg e_{1,3} \vee t_{\neg e_{1,2}, e_{1,3}} \vee t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, e_{1,3}}$
4731. $e_{1,3}, \neg e_{1,3} \vee t_{\neg e_{1,2}, e_{1,3}} \vee e_{3,6} \vdash e_{3,6} \vee t_{\neg e_{1,2}, e_{1,3}}$
4732. $e_{1,3}, \neg e_{1,3} \vee t_{\neg e_{1,2}, e_{1,3}} \vee e_{2,3} \vdash e_{2,3} \vee t_{\neg e_{1,2}, e_{1,3}}$
4733. $e_{1,3}, \neg e_{1,3} \vee e_{3,5} \vee t_{\neg e_{1,2}, e_{1,3}} \vdash e_{3,5} \vee t_{\neg e_{1,2}, e_{1,3}}$
4734. $e_{1,3}, \neg e_{1,3} \vee t_{\neg e_{1,3}, e_{2,3}} \vee \neg t_{e_{1,5}, \neg e_{2,5}} \vdash \neg t_{e_{1,5}, \neg e_{2,5}} \vee t_{\neg e_{1,3}, e_{2,3}}$
4735. $e_{1,3}, \neg e_{1,3} \vee t_{\neg e_{1,6}, e_{2,6}} \vee \neg t_{e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,6}, e_{2,6}} \vee \neg t_{e_{1,2}, \neg e_{2,3}}$
4736. $e_{1,3}, \neg e_{1,3} \vee \neg e_{1,5} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vdash \neg e_{1,5} \vee \neg t_{e_{1,2}, \neg e_{1,3}}$
4737. $e_{1,3}, \neg e_{1,3} \vee t_{\neg e_{1,2}, e_{2,3}} \vee e_{1,2} \vdash t_{\neg e_{1,2}, e_{2,3}} \vee e_{1,2}$
4738. $e_{1,3}, \neg e_{1,3} \vee e_{3,6} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash e_{3,6} \vee t_{e_{1,2}, \neg e_{1,3}}$
4739. $e_{1,3}, \neg e_{1,3} \vee t_{e_{1,3}, \neg e_{2,3}} \vee t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \vee t_{e_{1,3}, \neg e_{2,3}}$
4740. $e_{1,3}, \neg e_{1,3} \vee \neg t_{e_{1,2}, \neg e_{2,3}} \vee e_{2,6} \vdash \neg t_{e_{1,2}, \neg e_{2,3}} \vee e_{2,6}$
4741. $e_{1,3}, \neg e_{1,3} \vee t_{e_{1,3}, e_{2,3}} \vee t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}} \vee t_{e_{1,3}, e_{2,3}}$
4742. $e_{1,3}, \neg e_{1,2} \vee \neg e_{1,3} \vee e_{1,6} \vdash \neg e_{1,2} \vee e_{1,6}$
4743. $e_{1,3}, \neg e_{1,3} \vee \neg e_{1,5} \vee e_{1,2} \vdash \neg e_{1,5} \vee e_{1,2}$

4744. $e_{1,3}, e_{1,5} \vee \neg e_{1,3} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vdash e_{1,5} \vee \neg t_{e_{1,2}, \neg e_{1,3}}$
4745. $e_{1,3}, \neg e_{1,3} \vee \neg t_{\neg e_{1,2}, e_{2,3}} \vee e_{3,6} \vdash e_{3,6} \vee \neg t_{\neg e_{1,2}, e_{2,3}}$
4746. $e_{1,3}, \neg e_{1,3} \vee \neg e_{3,6} \vee e_{1,2} \vdash \neg e_{3,6} \vee e_{1,2}$
4747. $e_{1,3}, \neg e_{1,3} \vee \neg e_{3,6} \vee t_{e_{1,2}, \neg e_{2,3}} \vdash \neg e_{3,6} \vee t_{e_{1,2}, \neg e_{2,3}}$
4748. $e_{1,3}, \neg e_{1,2} \vee \neg e_{1,3} \vee t_{\neg e_{1,6}, e_{2,6}} \vdash \neg e_{1,2} \vee t_{\neg e_{1,6}, e_{2,6}}$
4749. $e_{1,3}, \neg e_{1,3} \vee \neg e_{1,6} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \vee \neg e_{1,6}$
4750. $e_{1,3}, \neg e_{1,3} \vee t_{\neg e_{1,6}, e_{2,6}} \vee e_{2,3} \vdash t_{\neg e_{1,6}, e_{2,6}} \vee e_{2,3}$
4751. $e_{1,3}, \neg e_{1,3} \vee e_{3,5} \vee \neg e_{2,3} \vdash e_{3,5} \vee \neg e_{2,3}$
4752. $e_{1,3}, \neg e_{1,3} \vee t_{e_{1,3}, \neg e_{2,3}} \vee e_{1,2} \vdash t_{e_{1,3}, \neg e_{2,3}} \vee e_{1,2}$
4753. $e_{1,3}, \neg e_{1,3} \vee e_{1,2} \vee e_{2,6} \vdash e_{1,2} \vee e_{2,6}$
4754. $e_{1,3}, \neg e_{1,3} \vee t_{e_{1,2}, e_{2,3}} \vee t_{e_{1,3}, e_{2,3}} \vdash t_{e_{1,2}, e_{2,3}} \vee t_{e_{1,3}, e_{2,3}}$
4755. $e_{1,3}, \neg e_{1,3} \vee t_{\neg e_{1,3}, e_{2,3}} \vee e_{1,6} \vdash e_{1,6} \vee t_{\neg e_{1,3}, e_{2,3}}$
4756. $e_{1,3}, \neg e_{1,3} \vee t_{e_{1,3}, \neg e_{2,3}} \vee t_{\neg e_{1,5}, e_{2,5}} \vdash t_{e_{1,3}, \neg e_{2,3}} \vee t_{\neg e_{1,5}, e_{2,5}}$
4757. $e_{1,3}, \neg e_{1,3} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vee t_{e_{1,2}, e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{1,3}} \vee t_{e_{1,2}, e_{2,3}}$
4758. $e_{1,3}, \neg e_{1,2} \vee \neg e_{1,3} \vee e_{2,3} \vdash \neg e_{1,2} \vee e_{2,3}$
4759. $e_{1,3}, \neg e_{1,3} \vee t_{e_{1,2}, e_{2,3}} \vee e_{1,2} \vdash e_{1,2} \vee t_{e_{1,2}, e_{2,3}}$
4760. $e_{1,3}, \neg e_{1,3} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vee e_{1,2} \vdash e_{1,2} \vee \neg t_{e_{1,2}, \neg e_{1,3}}$
4761. $e_{1,3}, \neg e_{1,2} \vee \neg e_{1,3} \vee t_{\neg e_{1,5}, e_{2,5}} \vdash \neg e_{1,2} \vee t_{\neg e_{1,5}, e_{2,5}}$
4762. $e_{1,3}, \neg e_{1,3} \vee t_{\neg e_{1,6}, e_{2,6}} \vee t_{e_{1,3}, \neg e_{2,3}} \vdash t_{\neg e_{1,6}, e_{2,6}} \vee t_{e_{1,3}, \neg e_{2,3}}$
4763. $e_{1,3}, \neg e_{1,3} \vee t_{\neg e_{1,6}, e_{2,6}} \vee e_{1,2} \vdash t_{\neg e_{1,6}, e_{2,6}} \vee e_{1,2}$
4764. $e_{1,3}, \neg e_{1,3} \vee \neg e_{1,6} \vee t_{e_{1,3}, e_{2,3}} \vdash t_{e_{1,3}, e_{2,3}} \vee \neg e_{1,6}$
4765. $e_{1,3}, \neg e_{1,3} \vee \neg e_{3,6} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash \neg e_{3,6} \vee t_{e_{1,2}, \neg e_{1,3}}$
4766. $e_{1,3}, \neg e_{1,3} \vee e_{2,3} \vee e_{2,6} \vdash e_{2,3} \vee e_{2,6}$
4767. $e_{1,3}, \neg e_{1,3} \vee \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vee e_{1,2} \vdash \neg t_{\neg e_{1,3}, \neg e_{2,3}} \vee e_{1,2}$
4768. $e_{1,3}, \neg e_{1,3} \vee \neg e_{1,5} \vee t_{e_{1,3}, e_{2,3}} \vdash \neg e_{1,5} \vee t_{e_{1,3}, e_{2,3}}$
4769. $e_{1,3}, \neg e_{1,3} \vee \neg t_{e_{1,5}, \neg e_{2,5}} \vee e_{1,2} \vdash \neg t_{e_{1,5}, \neg e_{2,5}} \vee e_{1,2}$
4770. $e_{1,3}, \neg e_{1,3} \vee e_{3,6} \vee e_{2,3} \vdash e_{3,6} \vee e_{2,3}$

4771. $e_{1,3}, \neg e_{1,3} \vee \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{\neg e_{1,2}, \neg e_{1,3}} \vee \neg t_{e_{1,2}, \neg e_{1,3}}$
4772. $e_{1,3}, \neg e_{1,3} \vee t_{e_{1,2}, e_{1,3}} \vee e_{3,6} \vdash t_{e_{1,2}, e_{1,3}} \vee e_{3,6}$
4773. $e_{1,3}, \neg e_{1,3} \vee t_{\neg e_{1,2}, e_{1,3}} \vee \neg t_{e_{1,6}, \neg e_{2,6}} \vdash t_{\neg e_{1,2}, e_{1,3}} \vee \neg t_{e_{1,6}, \neg e_{2,6}}$
4774. $e_{1,4}, \neg e_{1,4} \vee e_{4,6} \vdash e_{4,6}$
4775. $e_{1,4}, \neg e_{1,4} \vee e_{4,5} \vdash e_{4,5}$
4776. $e_{1,4}, \neg e_{4,5} \vee \neg e_{1,4} \vdash \neg e_{4,5}$
4777. $e_{1,4}, \neg e_{4,6} \vee \neg e_{1,4} \vdash \neg e_{4,6}$
4778. $e_{1,4}, \neg e_{1,4} \vee e_{2,4} \vdash e_{2,4}$
4779. $e_{2,4}, \neg e_{2,4} \vee e_{4,5} \vdash e_{4,5}$
4780. $e_{2,4}, e_{1,4} \vee \neg e_{2,4} \vdash e_{1,4}$
4781. $e_{2,4}, \neg e_{4,6} \vee \neg e_{2,4} \vdash \neg e_{4,6}$
4782. $e_{2,4}, \neg e_{4,5} \vee \neg e_{2,4} \vdash \neg e_{4,5}$
4783. $e_{2,4}, e_{4,6} \vee \neg e_{2,4} \vdash e_{4,6}$
4784. $e_{2,5}, \neg e_{2,5} \vee t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, e_{2,3}}$
4785. $e_{2,5}, e_{5,6} \vee \neg e_{2,5} \vdash e_{5,6}$
4786. $e_{2,5}, \neg e_{1,2} \vee \neg e_{2,5} \vdash \neg e_{1,2}$
4787. $e_{2,5}, e_{1,5} \vee \neg e_{2,5} \vdash e_{1,5}$
4788. $e_{2,5}, \neg e_{2,5} \vee e_{2,3} \vdash e_{2,3}$
4789. $e_{2,5}, e_{1,3} \vee \neg e_{2,5} \vdash e_{1,3}$
4790. $e_{2,5}, e_{1,2} \vee \neg e_{2,5} \vdash e_{1,2}$
4791. $e_{2,5}, t_{e_{1,3}, \neg e_{2,3}} \vee \neg e_{2,5} \vdash t_{e_{1,3}, \neg e_{2,3}}$
4792. $e_{2,5}, \neg e_{2,5} \vee e_{1,3} \vdash e_{1,3}$
4793. $e_{2,5}, e_{2,3} \vee \neg e_{2,5} \vdash e_{2,3}$
4794. $e_{2,5}, \neg e_{2,5} \vee \neg t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{\neg e_{1,2}, e_{2,3}}$
4795. $e_{2,5}, \neg e_{2,5} \vee \neg t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}}$
4796. $e_{2,5}, t_{\neg e_{1,2}, e_{2,3}} \vee \neg e_{2,5} \vdash t_{\neg e_{1,2}, e_{2,3}}$
4797. $e_{2,5}, \neg e_{5,6} \vee \neg e_{2,5} \vdash \neg e_{5,6}$

4798. $e_{2,5}, \neg e_{2,5} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{1,3}}$
4799. $e_{2,5}, \neg e_{2,3} \vee \neg e_{2,5} \vdash \neg e_{2,3}$
4800. $e_{2,5}, \neg e_{2,5} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, \neg e_{1,3}}$
4801. $e_{2,5}, \neg e_{2,5} \vee e_{4,5} \vdash e_{4,5}$
4802. $e_{2,5}, \neg e_{2,5} \vee \neg t_{\neg e_{1,3}, e_{2,3}} \vdash \neg t_{\neg e_{1,3}, e_{2,3}}$
4803. $e_{2,5}, t_{e_{1,3}, e_{2,3}} \vee \neg e_{2,5} \vdash t_{e_{1,3}, e_{2,3}}$
4804. $e_{2,5}, \neg e_{2,5} \vee t_{\neg e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}}$
4805. $e_{2,5}, t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,5} \vdash t_{e_{1,2}, \neg e_{2,3}}$
4806. $e_{2,5}, t_{e_{1,2}, e_{1,3}} \vee \neg e_{2,5} \vdash t_{e_{1,2}, e_{1,3}}$
4807. $e_{2,5}, \neg e_{4,5} \vee \neg e_{2,5} \vdash \neg e_{4,5}$
4808. $e_{1,6}, \neg e_{1,6} \vee e_{1,3} \vdash e_{1,3}$
4809. $e_{1,6}, \neg e_{1,6} \vee \neg e_{4,6} \vdash \neg e_{4,6}$
4810. $e_{1,6}, \neg e_{1,6} \vee t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, e_{2,3}}$
4811. $e_{1,6}, \neg e_{1,6} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, \neg e_{1,3}}$
4812. $e_{1,6}, e_{1,3} \vee \neg e_{1,6} \vdash e_{1,3}$
4813. $e_{1,6}, \neg t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{1,6} \vdash \neg t_{e_{1,2}, \neg e_{2,3}}$
4814. $e_{1,6}, \neg e_{1,6} \vee \neg t_{\neg e_{1,2}, e_{1,3}} \vdash \neg t_{\neg e_{1,2}, e_{1,3}}$
4815. $e_{1,6}, t_{\neg e_{1,2}, e_{2,3}} \vee \neg e_{1,6} \vdash t_{\neg e_{1,2}, e_{2,3}}$
4816. $e_{1,6}, \neg e_{1,6} \vee \neg e_{1,3} \vdash \neg e_{1,3}$
4817. $e_{1,6}, t_{e_{1,3}, e_{2,3}} \vee \neg e_{1,6} \vdash t_{e_{1,3}, e_{2,3}}$
4818. $e_{1,6}, e_{1,2} \vee \neg e_{1,6} \vdash e_{1,2}$
4819. $e_{1,6}, \neg t_{e_{1,2}, \neg e_{1,3}} \vee \neg e_{1,6} \vdash \neg t_{e_{1,2}, \neg e_{1,3}}$
4820. $e_{1,6}, \neg e_{1,6} \vee e_{2,6} \vdash e_{2,6}$
4821. $e_{1,6}, \neg e_{1,6} \vee \neg e_{5,6} \vdash \neg e_{5,6}$
4822. $e_{1,6}, t_{e_{1,3}, \neg e_{2,3}} \vee \neg e_{1,6} \vdash t_{e_{1,3}, \neg e_{2,3}}$
4823. $e_{1,6}, \neg e_{1,6} \vee e_{2,3} \vdash e_{2,3}$
4824. $e_{1,6}, \neg t_{e_{1,3}, \neg e_{2,3}} \vee \neg e_{1,6} \vdash \neg t_{e_{1,3}, \neg e_{2,3}}$

4825. $e_{1,6}, e_{2,3} \vee \neg e_{1,6} \vdash e_{2,3}$
4826. $e_{1,6}, t_{\neg e_{1,2}, e_{1,3}} \vee \neg e_{1,6} \vdash t_{\neg e_{1,2}, e_{1,3}}$
4827. $e_{1,6}, t_{\neg e_{1,3}, e_{2,3}} \vee \neg e_{1,6} \vdash t_{\neg e_{1,3}, e_{2,3}}$
4828. $e_{1,6}, e_{5,6} \vee \neg e_{1,6} \vdash e_{5,6}$
4829. $e_{1,6}, t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{1,6} \vdash t_{e_{1,2}, \neg e_{2,3}}$
4830. $e_{1,6}, \neg e_{1,2} \vee \neg e_{1,6} \vdash \neg e_{1,2}$
4831. $e_{1,6}, \neg e_{1,6} \vee e_{4,6} \vdash e_{4,6}$
4832. $e_{1,6}, \neg e_{1,6} \vee t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, e_{2,3}}$
4833. $e_{2,6}, \neg e_{2,6} \vee \neg t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{\neg e_{1,2}, e_{2,3}}$
4834. $e_{2,6}, \neg e_{1,2} \vee \neg e_{2,6} \vdash \neg e_{1,2}$
4835. $e_{2,6}, \neg e_{2,6} \vee t_{e_{1,3}, \neg e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}}$
4836. $e_{2,6}, e_{2,3} \vee \neg e_{2,6} \vdash e_{2,3}$
4837. $e_{2,6}, \neg e_{2,6} \vee \neg e_{4,6} \vdash \neg e_{4,6}$
4838. $e_{2,6}, \neg e_{2,6} \vee e_{1,2} \vdash e_{1,2}$
4839. $e_{2,6}, \neg e_{2,6} \vee t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, e_{2,3}}$
4840. $e_{2,6}, \neg e_{2,6} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, \neg e_{1,3}}$
4841. $e_{2,6}, \neg e_{2,6} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{1,3}}$
4842. $e_{2,6}, t_{\neg e_{1,2}, e_{2,3}} \vee \neg e_{2,6} \vdash t_{\neg e_{1,2}, e_{2,3}}$
4843. $e_{2,6}, \neg e_{2,6} \vee \neg e_{5,6} \vdash \neg e_{5,6}$
4844. $e_{2,6}, \neg e_{2,6} \vee \neg t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}}$
4845. $e_{2,6}, t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,6} \vdash t_{e_{1,2}, \neg e_{2,3}}$
4846. $e_{2,6}, e_{1,3} \vee \neg e_{2,6} \vdash e_{1,3}$
4847. $e_{2,6}, t_{e_{1,2}, e_{1,3}} \vee \neg e_{2,6} \vdash t_{e_{1,2}, e_{1,3}}$
4848. $e_{2,6}, \neg e_{2,6} \vee e_{4,6} \vdash e_{4,6}$
4849. $e_{2,6}, \neg e_{2,6} \vee \neg e_{2,3} \vdash \neg e_{2,3}$
4850. $e_{2,6}, \neg e_{2,6} \vee t_{\neg e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}}$
4851. $e_{2,6}, e_{5,6} \vee \neg e_{2,6} \vdash e_{5,6}$

4852. $e_{2,6}, \neg e_{2,6} \vee \neg t_{\neg e_{1,3}, e_{2,3}} \vdash \neg t_{\neg e_{1,3}, e_{2,3}}$
4853. $e_{2,6}, t_{e_{1,3}, e_{2,3}} \vee \neg e_{2,6} \vdash t_{e_{1,3}, e_{2,3}}$
4854. $e_{2,6}, e_{1,6} \vee \neg e_{2,6} \vdash e_{1,6}$
4855. $e_{1,5}, \neg e_{1,5} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, \neg e_{1,3}}$
4856. $e_{1,5}, \neg e_{1,5} \vee t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, e_{2,3}}$
4857. $e_{1,5}, \neg t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{1,5} \vdash \neg t_{e_{1,2}, \neg e_{2,3}}$
4858. $e_{1,5}, \neg e_{1,5} \vee \neg e_{1,3} \vdash \neg e_{1,3}$
4859. $e_{1,5}, e_{1,3} \vee \neg e_{1,5} \vdash e_{1,3}$
4860. $e_{1,5}, \neg e_{1,5} \vee t_{e_{1,3}, e_{2,3}} \vdash t_{e_{1,3}, e_{2,3}}$
4861. $e_{1,5}, \neg e_{1,5} \vee t_{e_{1,3}, \neg e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}}$
4862. $e_{1,5}, \neg t_{e_{1,3}, \neg e_{2,3}} \vee \neg e_{1,5} \vdash \neg t_{e_{1,3}, \neg e_{2,3}}$
4863. $e_{1,5}, t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{1,5} \vdash t_{e_{1,2}, \neg e_{2,3}}$
4864. $e_{1,5}, t_{\neg e_{1,2}, e_{2,3}} \vee \neg e_{1,5} \vdash t_{\neg e_{1,2}, e_{2,3}}$
4865. $e_{1,5}, \neg e_{1,5} \vee t_{\neg e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}}$
4866. $e_{1,5}, \neg e_{1,5} \vee \neg t_{\neg e_{1,2}, e_{1,3}} \vdash \neg t_{\neg e_{1,2}, e_{1,3}}$
4867. $e_{1,5}, \neg e_{1,2} \vee \neg e_{1,5} \vdash \neg e_{1,2}$
4868. $e_{1,5}, \neg e_{1,5} \vee e_{1,2} \vdash e_{1,2}$
4869. $e_{1,5}, e_{2,3} \vee \neg e_{1,5} \vdash e_{2,3}$
4870. $e_{1,5}, \neg e_{1,5} \vee e_{4,5} \vdash e_{4,5}$
4871. $e_{1,5}, \neg e_{1,5} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{1,3}}$
4872. $e_{1,5}, e_{5,6} \vee \neg e_{1,5} \vdash e_{5,6}$
4873. $e_{1,5}, \neg e_{1,5} \vee \neg e_{4,5} \vdash \neg e_{4,5}$
4874. $e_{1,5}, \neg e_{1,5} \vee e_{2,5} \vdash e_{2,5}$
4875. $e_{1,5}, \neg e_{1,5} \vee e_{1,3} \vdash e_{1,3}$
4876. $e_{1,5}, \neg e_{1,5} \vee t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, e_{2,3}}$
4877. $e_{1,5}, \neg e_{1,5} \vee \neg e_{5,6} \vdash \neg e_{5,6}$
4878. $e_{2,3}, e_{1,5} \vee \neg e_{2,3} \vdash e_{1,5}$

4879. $e_{2,3}, t_{\neg e_{1,2}, e_{1,3}} \vee \neg e_{2,3} \vdash t_{\neg e_{1,2}, e_{1,3}}$
4880. $e_{2,3}, \neg t_{\neg e_{1,5}, e_{2,5}} \vee \neg e_{2,3} \vdash \neg t_{\neg e_{1,5}, e_{2,5}}$
4881. $e_{2,3}, t_{e_{1,3}, e_{2,3}} \vee \neg e_{2,3} \vdash t_{e_{1,3}, e_{2,3}}$
4882. $e_{2,3}, e_{1,3} \vee \neg e_{2,3} \vdash e_{1,3}$
4883. $e_{2,3}, t_{e_{1,3}, \neg e_{2,3}} \vee \neg e_{2,3} \vdash t_{e_{1,3}, \neg e_{2,3}}$
4884. $e_{2,3}, \neg e_{3,6} \vee \neg e_{2,3} \vdash \neg e_{3,6}$
4885. $e_{2,3}, \neg e_{2,3} \vee t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, e_{2,3}}$
4886. $e_{2,3}, e_{2,5} \vee \neg e_{2,3} \vdash e_{2,5}$
4887. $e_{2,3}, \neg e_{2,3} \vee t_{\neg e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}}$
4888. $e_{2,3}, \neg e_{2,3} \vee \neg e_{2,5} \vdash \neg e_{2,5}$
4889. $e_{2,3}, \neg e_{2,3} \vee e_{2,6} \vdash e_{2,6}$
4890. $e_{2,3}, t_{e_{1,5}, \neg e_{2,5}} \vee \neg e_{2,3} \vdash t_{e_{1,5}, \neg e_{2,5}}$
4891. $e_{2,3}, e_{1,6} \vee \neg e_{2,3} \vdash e_{1,6}$
4892. $e_{2,3}, \neg e_{2,6} \vee \neg e_{2,3} \vdash \neg e_{2,6}$
4893. $e_{2,3}, \neg e_{2,3} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, \neg e_{1,3}}$
4894. $e_{2,3}, \neg e_{2,3} \vee \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg t_{\neg e_{1,6}, e_{2,6}}$
4895. $e_{2,3}, t_{e_{1,2}, e_{1,3}} \vee \neg e_{2,3} \vdash t_{e_{1,2}, e_{1,3}}$
4896. $e_{2,3}, t_{\neg e_{1,2}, e_{2,3}} \vee \neg e_{2,3} \vdash t_{\neg e_{1,2}, e_{2,3}}$
4897. $e_{2,3}, \neg e_{2,3} \vee e_{1,2} \vdash e_{1,2}$
4898. $e_{2,3}, \neg t_{e_{1,2}, \neg e_{1,3}} \vee \neg e_{2,3} \vdash \neg t_{e_{1,2}, \neg e_{1,3}}$
4899. $e_{2,3}, \neg t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{2,3} \vdash \neg t_{e_{1,2}, \neg e_{2,3}}$
4900. $e_{2,3}, e_{3,6} \vee \neg e_{2,3} \vdash e_{3,6}$
4901. $e_{2,3}, \neg e_{2,3} \vee t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, \neg e_{1,3}}$
4902. $e_{2,3}, e_{1,2} \vee \neg e_{2,3} \vdash e_{1,2}$
4903. $e_{2,3}, t_{e_{1,6}, \neg e_{2,6}} \vee \neg e_{2,3} \vdash t_{e_{1,6}, \neg e_{2,6}}$
4904. $e_{2,3}, \neg e_{2,3} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{1,3}}$
4905. $e_{2,3}, \neg e_{2,3} \vee \neg e_{3,5} \vdash \neg e_{3,5}$

4906. $e_{2,3}, \neg e_{1,2} \vee \neg e_{2,3} \vdash \neg e_{1,2}$
4907. $e_{2,3}, e_{3,5} \vee \neg e_{2,3} \vdash e_{3,5}$
4908. $e_{1,2}, \neg e_{1,2} \vee \neg t_{e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}}$
4909. $e_{1,2}, \neg e_{1,2} \vee \neg e_{2,6} \vdash \neg e_{2,6}$
4910. $e_{1,2}, \neg e_{1,2} \vee \neg e_{2,5} \vdash \neg e_{2,5}$
4911. $e_{1,2}, \neg e_{1,2} \vee e_{2,5} \vdash e_{2,5}$
4912. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,2}, e_{1,3}} \vdash t_{e_{1,2}, e_{1,3}}$
4913. $e_{1,2}, \neg e_{1,2} \vee e_{1,3} \vdash e_{1,3}$
4914. $e_{1,2}, \neg e_{1,2} \vee \neg t_{e_{1,3}, \neg e_{2,3}} \vdash \neg t_{e_{1,3}, \neg e_{2,3}}$
4915. $e_{1,2}, \neg e_{1,2} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}}$
4916. $e_{1,2}, \neg t_{e_{1,5}, \neg e_{2,5}} \vee \neg e_{1,2} \vdash \neg t_{e_{1,5}, \neg e_{2,5}}$
4917. $e_{1,2}, \neg e_{1,2} \vee t_{\neg e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}}$
4918. $e_{1,2}, \neg e_{1,2} \vee e_{1,6} \vdash e_{1,6}$
4919. $e_{1,2}, \neg e_{1,2} \vee \neg t_{\neg e_{1,5}, e_{2,5}} \vdash \neg t_{\neg e_{1,5}, e_{2,5}}$
4920. $e_{1,2}, \neg e_{1,2} \vee t_{\neg e_{1,2}, \neg e_{2,3}} \vdash t_{\neg e_{1,2}, \neg e_{2,3}}$
4921. $e_{1,2}, \neg e_{1,2} \vee t_{\neg e_{1,6}, e_{2,6}} \vdash t_{\neg e_{1,6}, e_{2,6}}$
4922. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,2}, \neg e_{1,3}} \vdash t_{e_{1,2}, \neg e_{1,3}}$
4923. $e_{1,2}, \neg e_{1,2} \vee t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, e_{2,3}}$
4924. $e_{1,2}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2}, e_{2,3}} \vdash \neg t_{\neg e_{1,2}, e_{2,3}}$
4925. $e_{1,2}, \neg e_{1,2} \vee \neg e_{1,3} \vdash \neg e_{1,3}$
4926. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,6}, \neg e_{2,6}} \vdash t_{e_{1,6}, \neg e_{2,6}}$
4927. $e_{1,2}, \neg e_{1,2} \vee \neg t_{\neg e_{1,2}, e_{1,3}} \vdash \neg t_{\neg e_{1,2}, e_{1,3}}$
4928. $e_{1,2}, \neg e_{1,2} \vee e_{1,5} \vdash e_{1,5}$
4929. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,5}, \neg e_{2,5}} \vdash t_{e_{1,5}, \neg e_{2,5}}$
4930. $e_{1,2}, \neg e_{1,2} \vee \neg t_{\neg e_{1,3}, e_{2,3}} \vdash \neg t_{\neg e_{1,3}, e_{2,3}}$
4931. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, e_{2,3}}$
4932. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,2}, \neg e_{2,3}} \vdash t_{e_{1,2}, \neg e_{2,3}}$

4933. $e_{1,2}, \neg e_{1,2} \vee \neg e_{1,5} \vdash \neg e_{1,5}$
4934. $e_{1,2}, \neg e_{1,2} \vee e_{2,3} \vdash e_{2,3}$
4935. $e_{1,2}, \neg e_{1,2} \vee \neg t_{\neg e_{1,6}, e_{2,6}} \vdash \neg t_{\neg e_{1,6}, e_{2,6}}$
4936. $e_{1,2}, \neg e_{1,2} \vee t_{\neg e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,5}, e_{2,5}}$
4937. $e_{1,2}, \neg e_{1,2} \vee t_{e_{1,3}, \neg e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}}$
4938. $e_{1,2}, \neg e_{1,2} \vee \neg e_{1,6} \vdash \neg e_{1,6}$
4939. $e_{1,2}, \neg e_{1,2} \vee t_{\neg e_{1,2}, \neg e_{1,3}} \vdash t_{\neg e_{1,2}, \neg e_{1,3}}$
4940. $e_{1,2}, \neg e_{1,2} \vee e_{2,6} \vdash e_{2,6}$
4941. $e_{1,2}, \neg e_{1,2} \vee \neg e_{2,3} \vdash \neg e_{2,3}$
4942. $e_{1,3}, \neg e_{1,3} \vee \neg t_{e_{1,2}, \neg e_{1,3}} \vdash \neg t_{e_{1,2}, \neg e_{1,3}}$
4943. $e_{1,3}, \neg e_{1,5} \vee \neg e_{1,3} \vdash \neg e_{1,5}$
4944. $e_{1,3}, \neg e_{1,3} \vee \neg t_{e_{1,5}, \neg e_{2,5}} \vdash \neg t_{e_{1,5}, \neg e_{2,5}}$
4945. $e_{1,3}, \neg e_{1,3} \vee \neg e_{3,5} \vdash \neg e_{3,5}$
4946. $e_{1,3}, t_{e_{1,2}, \neg e_{2,3}} \vee \neg e_{1,3} \vdash t_{e_{1,2}, \neg e_{2,3}}$
4947. $e_{1,3}, \neg e_{1,3} \vee t_{\neg e_{1,3}, e_{2,3}} \vdash t_{\neg e_{1,3}, e_{2,3}}$
4948. $e_{1,3}, \neg e_{1,3} \vee e_{3,6} \vdash e_{3,6}$
4949. $e_{1,3}, \neg e_{1,3} \vee \neg e_{3,6} \vdash \neg e_{3,6}$
4950. $e_{1,3}, t_{\neg e_{1,2}, \neg e_{2,3}} \vee \neg e_{1,3} \vdash t_{\neg e_{1,2}, \neg e_{2,3}}$
4951. $e_{1,3}, \neg e_{1,6} \vee \neg e_{1,3} \vdash \neg e_{1,6}$
4952. $e_{1,3}, t_{\neg e_{1,2}, e_{2,3}} \vee \neg e_{1,3} \vdash t_{\neg e_{1,2}, e_{2,3}}$
4953. $e_{1,3}, \neg e_{1,2} \vee \neg e_{1,3} \vdash \neg e_{1,2}$
4954. $e_{1,3}, \neg e_{1,3} \vee e_{3,5} \vdash e_{3,5}$
4955. $e_{1,3}, \neg e_{1,3} \vee t_{\neg e_{1,5}, e_{2,5}} \vdash t_{\neg e_{1,5}, e_{2,5}}$
4956. $e_{1,3}, \neg e_{1,3} \vee t_{e_{1,3}, e_{2,3}} \vdash t_{e_{1,3}, e_{2,3}}$
4957. $e_{1,3}, \neg e_{1,3} \vee t_{\neg e_{1,2}, e_{1,3}} \vdash t_{\neg e_{1,2}, e_{1,3}}$
4958. $e_{1,3}, e_{1,5} \vee \neg e_{1,3} \vdash e_{1,5}$
4959. $e_{1,3}, e_{1,6} \vee \neg e_{1,3} \vdash e_{1,6}$

$$4960. \quad e_{1,3}, \neg e_{1,3} \vee \neg t_{e_{1,2}, \neg e_{2,3}} \vdash \neg t_{e_{1,2}, \neg e_{2,3}}$$

$$4961. \quad e_{1,3}, e_{2,3} \vee \neg e_{1,3} \vdash e_{2,3}$$

$$4962. \quad e_{1,3}, \neg e_{1,3} \vee e_{1,2} \vdash e_{1,2}$$

$$4963. \quad e_{1,3}, \neg e_{1,3} \vee e_{2,6} \vdash e_{2,6}$$

$$4964. \quad e_{1,3}, t_{\neg e_{1,6}, e_{2,6}} \vee \neg e_{1,3} \vdash t_{\neg e_{1,6}, e_{2,6}}$$

$$4965. \quad e_{1,3}, \neg e_{1,3} \vee t_{e_{1,2}, e_{2,3}} \vdash t_{e_{1,2}, e_{2,3}}$$

$$4966. \quad e_{1,3}, \neg e_{1,3} \vee e_{2,3} \vdash e_{2,3}$$

$$4967. \quad e_{1,3}, \neg e_{1,3} \vee t_{\neg e_{1,2}, e_{2,3}} \vdash t_{\neg e_{1,2}, e_{2,3}}$$

$$4968. \quad e_{1,3}, \neg e_{1,3} \vee t_{e_{1,3}, \neg e_{2,3}} \vdash t_{e_{1,3}, \neg e_{2,3}}$$

$$4969. \quad e_{1,3}, \neg e_{1,3} \vee \neg t_{e_{1,6}, \neg e_{2,6}} \vdash \neg t_{e_{1,6}, \neg e_{2,6}}$$

$$4970. \quad \neg e_{1,6}, e_{1,6} \vdash \perp$$