

#	release	delay	final	reaction	invariant	Semantics	Compare	Condition
1	rel ₁	del ₁	fin ₁	rea ₁	inv ₁	$G(trig_1 \rightarrow ((inv_1 \wedge \neg fin_1 \mathbf{W} rel_1) \vee (inv_1 \mathbf{U}(fin_1 \wedge (inv_1 \wedge del_1 \mathbf{U}(rel_1 \vee rea_1))))))$	inconsistent	$inv_1 \bullet inv_2$ $\neg((trig_1 \vee trig_2 \vee inv_1 \vee inv_2) \rightarrow (rel_1 \vee fin_1 \wedge rea_1))$ $\neg((trig_1 \vee trig_2 \vee inv_1 \vee inv_2) \rightarrow (rel_2 \vee fin_2 \wedge rea_2))$
							inconsistent	$trig_1 \bullet inv_2$ $\neg((trig_1 \vee trig_2 \vee inv_1 \vee inv_2) \rightarrow (rel_2 \vee fin_2 \wedge rea_2))$
							inconsistent	$trig_2 \bullet inv_1$ $\neg((trig_1 \vee trig_2 \vee inv_1 \vee inv_2) \rightarrow (rel_1 \vee fin_1 \wedge rea_1))$
							inconsistent	$rel_1 \rightarrow fin_2$ $rel_1 \bullet inv_2$ $fin_1 \rightarrow fin_2$ $fin_1 \bullet inv_2$ $\neg((rel_1 \vee fin_1 \vee fin_2) \rightarrow (rel_2 \vee fin_2 \wedge rea_2))$
							inconsistent	$rel_1 \rightarrow fin_2$ $rel_1 \bullet inv_2$ $rea_1 \rightarrow fin_2$ $rea_1 \bullet inv_2$ $\neg((rel_1 \vee rea_1 \vee fin_2) \rightarrow (rel_2 \vee fin_2 \wedge rea_2))$
							consistent	$inv_1 \rightarrow inv_2$ $fin_1 \rightarrow fin_2$ $del_1 \rightarrow del_2$ $rea_1 \rightarrow rea_2$ $rel_1 \rightarrow rel_2$
							unknown	other cases
2	true	del ₁	fin ₁	rea ₁	inv ₁	TRUE	unknown	all cases
3	false	del ₁	fin ₁	rea ₁	inv ₁	$G(trig_1 \rightarrow (inv_1 \mathbf{U}(fin_1 \wedge (inv_1 \wedge del_1 \mathbf{U} rea_1))))$	inconsistent	$inv_1 \bullet inv_2$ $\neg((trig_1 \vee trig_2 \vee inv_1 \vee inv_2) \rightarrow (fin_1 \wedge rea_1))$
							inconsistent	$trig_1 \bullet inv_2$ $\neg((trig_1 \vee trig_2 \vee inv_1 \vee inv_2) \rightarrow (rel_2 \vee fin_2 \wedge rea_2))$
							inconsistent	$trig_2 \bullet inv_1$ $\neg((trig_1 \vee trig_2 \vee inv_1 \vee inv_2) \rightarrow (fin_1 \wedge rea_1))$
							Inconsistent	$fin_1 \rightarrow fin_2$ $fin_1 \bullet inv_2$
							Inconsistent	$rea_1 \rightarrow fin_2$ $rea_1 \bullet inv_2$

							consistent	$inv_1 \rightarrow inv_2$ $fin_1 \rightarrow fin_2$ $del_1 \rightarrow del_2$ $rea_1 \rightarrow rea_2$
							unknown	other cases
4	<i>false</i>	<i>true</i>	fin_1	rea_1	inv_1	$G(trig_1 \rightarrow (inv_1 \mathbf{U} (fin_1 \wedge (inv_1 \mathbf{U} rea_1))))$	inconsistent	$inv_1 \bullet inv_2$ $\neg((trig_1 \vee trig_2 \vee inv_1 \vee inv_2) \rightarrow (fin_1 \wedge rea_1))$
							inconsistent	$trig_1 \bullet inv_2$ $\neg((trig_1 \vee trig_2 \vee inv_1 \vee inv_2) \rightarrow (rel_2 \vee fin_2 \wedge rea_2))$
							inconsistent	$trig_2 \bullet inv_1$ $\neg((trig_1 \vee trig_2 \vee inv_1 \vee inv_2) \rightarrow (fin_1 \wedge rea_1))$
							Inconsistent	$fin_1 \rightarrow fin_2$ $fin_1 \bullet inv_2$
							Inconsistent	$rea_1 \rightarrow fin_2$ $rea_1 \bullet inv_2$
							consistent	$inv_1 \rightarrow inv_2$ $fin_1 \rightarrow fin_2$ $rea_1 \rightarrow rea_2$
							unknown	other cases
5	<i>false</i>	<i>false</i>	fin_1	rea_1	inv_1	$G(trig_1 \rightarrow (inv_1 \mathbf{U} (fin_1 \wedge rea_1)))$	inconsistent	$inv_1 \bullet inv_2$ $\neg((trig_1 \vee trig_2 \vee inv_1 \vee inv_2) \rightarrow (fin_1 \wedge rea_1))$
							inconsistent	$trig_1 \bullet inv_2$ $\neg((trig_1 \vee trig_2 \vee inv_1 \vee inv_2) \rightarrow (rel_2 \vee (fin_2 \wedge rea_2)))$
							inconsistent	$trig_2 \bullet inv_1$ $\neg((trig_1 \vee trig_2 \vee inv_1 \vee inv_2) \rightarrow (fin_1 \wedge rea_1))$
							Inconsistent	$fin_1 \rightarrow fin_2$ $fin_1 \bullet inv_2$
							Inconsistent	$rea_1 \rightarrow fin_2$ $rea_1 \bullet inv_2$
							consistent	$inv_1 \rightarrow inv_2$ $fin_1 \rightarrow fin_2$ $rea_1 \rightarrow rea_2$
							unknown	other cases
6	<i>false</i>	del_1	<i>true</i>	rea_1	inv_1	$G(trig_1 \rightarrow (inv_1 \wedge del_1 \mathbf{U} rea_1))$	inconsistent	$inv_1 \bullet inv_2$ $\neg((trig_1 \vee trig_2 \vee inv_1 \vee inv_2) \rightarrow rea_1)$
							inconsistent	$trig_1 \bullet inv_2$ $\neg((trig_1 \vee trig_2 \vee inv_1 \vee inv_2) \rightarrow$

								$(rel_2 \vee fin_2 \wedge rea_2))$
							inconsistent	$trig_2 \bullet inv_1$ $\neg((trig_1 \vee trig_2 \vee inv_1 \vee inv_2) \rightarrow rea_1)$
							Inconsistent	$fin_1 \rightarrow fin_2$ $fin_1 \bullet inv_2$
							Inconsistent	$rea_1 \rightarrow fin_2$ $rea_1 \bullet inv_2$
							consistent	$inv_1 \rightarrow inv_2$ $fin_1 \rightarrow fin_2$ $del_1 \rightarrow del_2$ $rea_1 \rightarrow rea_2$
							unknown	other cases
7							inconsistent	$inv_1 \bullet inv_2$ $\neg((trig_1 \vee trig_2 \vee inv_1 \vee inv_2) \rightarrow rea_1)$
							inconsistent	$trig_1 \bullet inv_2$ $\neg((trig_1 \vee trig_2 \vee inv_1 \vee inv_2) \rightarrow (rel_2 \vee fin_2 \wedge rea_2))$
							inconsistent	$trig_2 \bullet inv_1$ $\neg((trig_1 \vee trig_2 \vee inv_1 \vee inv_2) \rightarrow rea_1)$
							Inconsistent	$fin_1 \rightarrow fin_2$ $fin_1 \bullet inv_2$
							Inconsistent	$rea_1 \rightarrow fin_2$ $rea_1 \bullet inv_2$
							consistent	$inv_1 \rightarrow inv_2$ $fin_1 \rightarrow fin_2$ $del_1 \rightarrow del_2$ $rea_1 \rightarrow rea_2$
							unknown	other cases
	<i>false</i>	<i>true</i>	<i>true</i>	rea_1	inv_1	$G(trig_1 \rightarrow (inv_1 \vee rea_1))$		
8							inconsistent	$inv_1 \bullet inv_2$ $\neg((trig_1 \vee trig_2 \vee inv_1 \vee inv_2) \rightarrow rea_1)$
							inconsistent	$trig_1 \bullet inv_2$ $\neg((trig_1 \vee trig_2 \vee inv_1 \vee inv_2) \rightarrow (rel_2 \vee fin_2 \wedge rea_2))$
							inconsistent	$trig_2 \bullet inv_1$ $\neg((trig_1 \vee trig_2 \vee inv_1 \vee inv_2) \rightarrow rea_1)$
							Inconsistent	$fin_1 \rightarrow fin_2$ $fin_1 \bullet inv_2$
							Inconsistent	$rea_1 \bullet inv_2$
							consistent	$inv_1 \rightarrow inv_2$ $fin_1 \rightarrow fin_2$ $del_1 \rightarrow del_2$
	<i>false</i>	<i>false</i>	<i>true</i>	rea_1	inv_1	$G(trig_1 \rightarrow rea_1)$		

								$rea_1 \rightarrow rea_2$
							unknown	other cases
9	false	del_1	fin_1	true	inv_1	$G(trig_1 \rightarrow inv_1 \mathbf{U} fin_1)$	inconsistent	$inv_1 \bullet inv_2$ $\neg((trig_1 \vee trig_2 \vee inv_1 \vee inv_2) \rightarrow fin_1)$
							inconsistent	$trig_1 \bullet inv_2$ $\neg((trig_1 \vee trig_2 \vee inv_1 \vee inv_2) \rightarrow (rel_2 \vee (fin_2 \wedge rea_2)))$
							inconsistent	$trig_2 \bullet inv_1$ $\neg((trig_1 \vee trig_2 \vee inv_1 \vee inv_2) \rightarrow fin_1)$
							Inconsistent	$fin_1 \rightarrow fin_2$ $fin_1 \bullet inv_2$
							consistent	$inv_1 \rightarrow inv_2$ $fin_1 \rightarrow fin_2$ $del_1 \rightarrow del_2$ $rea_1 \rightarrow rea_2$
							unknown	other cases
10							unknown	all cases
11	false	del_1	fin_1	rea_1	true	$G(trig_1 \rightarrow \mathbf{F}(fin_1 \wedge del_1 \mathbf{U} rea_1))$	inconsistent	$trig_1 \bullet inv_2$ $\neg(rel_2 \vee fin_2 \wedge rea_2)$
							Inconsistent	$fin_1 \rightarrow fin_2$ $fin_1 \bullet inv_2$
							Inconsistent	$rea_1 \rightarrow fin_2$ $rea_1 \bullet inv_2$
							consistent	$inv_1 \rightarrow inv_2$ $fin_1 \rightarrow fin_2$ $del_1 \rightarrow del_2$ $rea_1 \rightarrow rea_2$
							unknown	other cases
12	false	true	fin_1	rea_1	true	$G(trig_1 \rightarrow \mathbf{F}(fin_1 \wedge \mathbf{F} rea_1))$	inconsistent	$trig_1 \bullet inv_2$ $\neg(rel_2 \vee fin_2 \wedge rea_2)$
							Inconsistent	$fin_1 \rightarrow fin_2$ $fin_1 \bullet inv_2$
							Inconsistent	$rea_1 \rightarrow fin_2$ $rea_1 \bullet inv_2$
							unknown	other cases
13	false	false	fin_1	rea_1	true	$G(trig_1 \rightarrow \mathbf{F}(fin_1 \wedge rea_1))$	inconsistent	$trig_1 \bullet inv_2$ $\neg(rel_2 \vee fin_2 \wedge rea_2)$
							Inconsistent	$fin_1 \rightarrow fin_2$ $fin_1 \bullet inv_2$
							Inconsistent	$rea_1 \rightarrow fin_2$ $rea_1 \bullet inv_2$
							unknown	other cases
14	false	del_1	true	rea_1	true	$G(trig_1 \rightarrow del_1 \mathbf{U} rea_1)$	inconsistent	$trig_1 \bullet inv_2$ $\neg(rel_2 \vee fin_2 \wedge rea_2)$
							Inconsistent	$rea_1 \rightarrow fin_2$ $rea_1 \bullet inv_2$
							unknown	other cases

15	<i>false</i>	<i>true</i>	<i>true</i>	rea ₁	<i>true</i>	$G(\text{trig}_1 \rightarrow F\text{rea}_1)$	inconsistent	$\text{trig}_1 \bullet \text{inv}_2$ $\neg(\text{rel}_2 \vee \text{fin}_2 \wedge \text{rea}_2)$
							Inconsistent	$\text{rea}_1 \rightarrow \text{fin}_2$ $\text{rea}_1 \bullet \text{inv}_2$
							unknown	other cases
16	<i>false</i>	<i>false</i>	<i>true</i>	rea ₁	<i>true</i>	$G(\text{trig}_1 \rightarrow \text{rea}_1)$	inconsistent	$\text{trig}_1 \bullet \text{inv}_2$ $\neg(\text{rel}_2 \vee \text{fin}_2 \wedge \text{rea}_2)$
							Inconsistent	$\text{rea}_1 \bullet \text{inv}_2$
							unknown	other cases
17	<i>false</i>	del ₁ <i>true</i> <i>false</i>	fin ₁	<i>true</i>	<i>true</i>	$G(\text{trig}_1 \rightarrow F \text{fin}_1)$	inconsistent	$\text{trig}_1 \bullet \text{inv}_2$ $\neg(\text{rel}_2 \vee \text{fin}_2 \wedge \text{rea}_2)$
							Inconsistent	$\text{fin}_1 \rightarrow \text{fin}_2$ $\text{fin}_1 \bullet \text{inv}_2$
							unknown	other cases
18	<i>false</i>	any	<i>true</i>	<i>true</i>	<i>true</i>	TRUE	unknown	all cases
19	<i>false</i>	any	<i>false</i>	<i>true</i>	<i>true</i>	FALSE	inconsistent	all cases
20	<i>false</i>	any	any	any	<i>false</i>	FALSE	inconsistent	all cases
21	rel ₁	any	<i>false</i>	any	inv ₁	$G(\text{trig}_1 \rightarrow \text{inv}_1 \mathbf{W} \text{rel}_1)$	inconsistent	$\text{inv}_1 \bullet \text{inv}_2$ $\neg((\text{trig}_1 \vee \text{trig}_2 \vee \text{inv}_1 \vee \text{inv}_2) \rightarrow \text{rel}_1)$ $\neg((\text{trig}_1 \vee \text{trig}_2 \vee \text{inv}_1 \vee \text{inv}_2) \rightarrow (\text{rel}_2 \vee \text{fin}_2 \wedge \text{rea}_2))$
							inconsistent	$\text{trig}_1 \bullet \text{inv}_2$ $\neg((\text{trig}_1 \vee \text{trig}_2 \vee \text{inv}_1 \vee \text{inv}_2) \rightarrow (\text{rel}_2 \vee \text{fin}_2 \wedge \text{rea}_2))$
							inconsistent	$\text{trig}_2 \bullet \text{inv}_1$ $\neg((\text{trig}_1 \vee \text{trig}_2 \vee \text{inv}_1 \vee \text{inv}_2) \rightarrow \text{rel}_1)$
							inconsistent	$\text{rel}_1 \rightarrow \text{fin}_2$ $\text{rel}_1 \bullet \text{inv}_2$
							unknown	other cases
22	<i>true</i>	any	<i>false</i>	any	any	TRUE	unknown	all cases
23	<i>false</i>	any	<i>false</i>	any	inv ₁	$G(\text{trig}_1 \rightarrow \text{inv}_1)$	inconsistent	$\text{inv}_1 \bullet \text{inv}_2$ $\neg((\text{trig}_1 \vee \text{trig}_2 \vee \text{inv}_1 \vee \text{inv}_2) \rightarrow (\text{rel}_2 \vee \text{fin}_2 \wedge \text{rea}_2))$
							inconsistent	$\text{trig}_1 \bullet \text{inv}_2$ $\neg((\text{trig}_1 \vee \text{trig}_2 \vee \text{inv}_1 \vee \text{inv}_2) \rightarrow (\text{rel}_2 \vee \text{fin}_2 \wedge \text{rea}_2))$
							inconsistent	$\text{trig}_2 \bullet \text{inv}_1$
							unknown	other cases
24	<i>false</i>	any	<i>false</i>	any	<i>true</i>	TRUE	unknown	all cases
25	<i>false</i>	any	<i>false</i>	any	<i>false</i>	FALSE	inconsistent	all cases
26	rel ₁	any	<i>false</i>	any	<i>true</i>	$G(\text{trig}_1 \rightarrow$	unknown	all cases

						$\text{true } W \text{ rel}_1 = \text{TRUE}$		
27	rel_1	any	<i>false</i>	any	<i>false</i>	$G(\text{trig}_1 \rightarrow \text{false } W \text{ rel}_1) = \text{FALSE}$	inconsistent	all cases
28	rel_1	del_1	<i>true</i>	rea_1	inv_1	$G(\text{trig}_1 \rightarrow ((\text{inv}_1 \wedge \text{del}_1) \text{U} (\text{rel}_1 \vee \text{rea}_1)))$	inconsistent	$\text{inv}_1 \bullet \circ \text{inv}_2$ $\neg((\text{trig}_1 \vee \text{trig}_2 \vee \text{inv}_1 \vee \text{inv}_2) \rightarrow (\text{rel}_1 \vee \text{rea}_1))$ $\neg((\text{trig}_1 \vee \text{trig}_2 \vee \text{inv}_1 \vee \text{inv}_2) \rightarrow (\text{rel}_2 \vee \text{fin}_2 \wedge \text{rea}_2))$
							inconsistent	$\text{trig}_1 \bullet \text{inv}_2$ $\neg((\text{trig}_1 \vee \text{trig}_2 \vee \text{inv}_1 \vee \text{inv}_2) \rightarrow (\text{rel}_2 \vee \text{fin}_2 \wedge \text{rea}_2))$
							inconsistent	$\text{trig}_2 \bullet \text{inv}_1$ $\neg((\text{trig}_1 \vee \text{trig}_2 \vee \text{inv}_1 \vee \text{inv}_2) \rightarrow (\text{rel}_1 \vee \text{rea}_1))$
							inconsistent	$\text{rel}_1 \rightarrow \text{fin}_2$ $\text{rel}_1 \bullet \text{inv}_2$ $\neg(\text{fin}_2 \rightarrow (\text{rel}_2 \vee \text{rea}_2))$
							inconsistent	$\text{rea}_1 \rightarrow \text{fin}_2$ $\text{rea}_1 \bullet \text{inv}_2$ $\neg(\text{fin}_2 \rightarrow (\text{rel}_2 \vee \text{rea}_2))$
							unknown	other cases
29	rel_1	<i>true</i>	<i>true</i>	rea_1	inv_1	$G(\text{trig}_1 \rightarrow (\text{inv}_1 \text{U} (\text{rel}_1 \vee \text{rea}_1)))$	inconsistent	$\text{inv}_1 \bullet \text{inv}_2$ $\neg((\text{trig}_1 \vee \text{trig}_2 \vee \text{inv}_1 \vee \text{inv}_2) \rightarrow (\text{rel}_1 \vee \text{rea}_1))$ $\neg((\text{trig}_1 \vee \text{trig}_2 \vee \text{inv}_1 \vee \text{inv}_2) \rightarrow (\text{rel}_2 \vee \text{fin}_2 \wedge \text{rea}_2))$
							inconsistent	$\text{trig}_1 \bullet \text{inv}_2$ $\neg((\text{trig}_1 \vee \text{trig}_2 \vee \text{inv}_1 \vee \text{inv}_2) \rightarrow (\text{rel}_2 \vee \text{fin}_2 \wedge \text{rea}_2))$
							inconsistent	$\text{trig}_2 \bullet \text{inv}_1$ $\neg((\text{trig}_1 \vee \text{trig}_2 \vee \text{inv}_1 \vee \text{inv}_2) \rightarrow (\text{rel}_1 \vee \text{rea}_1))$
							inconsistent	$\text{rel}_1 \rightarrow \text{fin}_2$ $\text{rel}_1 \bullet \text{inv}_2$ $\neg(\text{fin}_2 \rightarrow (\text{rel}_2 \vee \text{rea}_2))$
							inconsistent	$\text{rea}_1 \rightarrow \text{fin}_2$ $\text{rea}_1 \bullet \text{inv}_2$ $\neg(\text{fin}_2 \rightarrow (\text{rel}_2 \vee \text{rea}_2))$
							unknown	other cases
							unknown	other cases

30	rel ₁	<i>false</i>	<i>true</i>	rea ₁	any	$G(\text{trig}_1 \rightarrow (\text{rel}_1 \vee \text{rea}_1))$	inconsistent	$\text{trig}_1 \bullet \text{inv}_2$ $\neg((\text{trig}_1 \vee \text{trig}_2 \vee \text{inv}_2) \rightarrow (\text{rel}_2 \vee \text{fin}_2 \wedge \text{rea}_2))$
							inconsistent	$\text{rel}_1 \bullet \text{inv}_2$
							inconsistent	$\text{rea}_1 \bullet \text{inv}_2$
							unknown	other cases
31	any	any	<i>true</i>	<i>true</i>	any	$G(\text{trig}_1 \rightarrow ((\text{inv}_1 \wedge \text{del}_1) \mathbf{U} (\text{rel}_1 \vee \text{true}))) = \text{TRUE}$	unknown	all cases
32	rel ₁	del ₁	<i>true</i>	<i>false</i>	inv ₁	$G(\text{trig}_1 \rightarrow ((\text{inv}_1 \wedge \text{del}_1) \mathbf{U} \text{rel}_1))$	inconsistent	$\text{inv}_1 \bullet \text{inv}_2$ $\neg((\text{trig}_1 \vee \text{trig}_2 \vee \text{inv}_1 \vee \text{inv}_2) \rightarrow \text{rel}_1)$ $\neg((\text{trig}_1 \vee \text{trig}_2 \vee \text{inv}_1 \vee \text{inv}_2) \rightarrow (\text{rel}_2 \vee \text{fin}_2 \wedge \text{rea}_2))$
							inconsistent	$\text{trig}_1 \bullet \text{inv}_2$ $\neg((\text{trig}_1 \vee \text{trig}_2 \vee \text{inv}_1 \vee \text{inv}_2) \rightarrow (\text{rel}_2 \vee \text{fin}_2 \wedge \text{rea}_2))$
							inconsistent	$\text{trig}_2 \bullet \text{inv}_1$ $\neg((\text{trig}_1 \vee \text{trig}_2 \vee \text{inv}_1 \vee \text{inv}_2) \rightarrow \text{rel}_1)$
							inconsistent	$\text{rel}_1 \rightarrow \text{fin}_2$ $\text{rel}_1 \bullet \text{inv}_2$ $\neg(\text{fin}_2 \rightarrow (\text{rel}_2 \vee \text{rea}_2))$
							unknown	other cases
33	rel ₁	<i>false</i>	<i>true</i>	<i>false</i>	any	$G(\text{trig}_1 \rightarrow ((\text{inv}_1 \wedge \text{false}) \mathbf{U} \text{rel}_1)) = \text{FALSE}$	inconsistent	all cases
34	rel ₁	<i>true</i>	<i>true</i>	<i>false</i>	inv ₁	$G(\text{trig}_1 \rightarrow (\text{inv}_1 \mathbf{U} \text{rel}_1))$	inconsistent	$\text{inv}_1 \bullet \text{inv}_2$ $\neg((\text{trig}_1 \vee \text{trig}_2 \vee \text{inv}_1 \vee \text{inv}_2) \rightarrow \text{rel}_1)$ $\neg((\text{trig}_1 \vee \text{trig}_2 \vee \text{inv}_1 \vee \text{inv}_2) \rightarrow (\text{rel}_2 \vee \text{fin}_2 \wedge \text{rea}_2))$
							inconsistent	$\text{trig}_1 \bullet \text{inv}_2$ $\neg((\text{trig}_1 \vee \text{trig}_2 \vee \text{inv}_1 \vee \text{inv}_2) \rightarrow (\text{rel}_2 \vee \text{fin}_2 \wedge \text{rea}_2))$
							inconsistent	$\text{trig}_2 \bullet \text{inv}_1$ $\neg((\text{trig}_1 \vee \text{trig}_2 \vee \text{inv}_1 \vee \text{inv}_2) \rightarrow \text{rel}_1)$
							inconsistent	$\text{rel}_1 \rightarrow \text{fin}_2$ $\text{rel}_1 \bullet \text{inv}_2$ $\neg(\text{fin}_2 \rightarrow (\text{rel}_2 \vee \text{rea}_2))$

							unknown	other cases
35	rel ₁	any	true	any	false	$G(\text{trig}_1 \rightarrow ((\text{false} \wedge \text{del}_1) \mathbf{U} (\text{rel}_1 \vee \text{rea}_1))) = \text{FALSE}$	inconsistent	all cases
36	rel ₁	del ₁	true	rea ₁	true	$G(\text{trig}_1 \rightarrow (\text{del}_1 \mathbf{U} (\text{rel}_1 \vee \text{rea}_1)))$	inconsistent	trig ₁ • inv ₂ ¬(rel ₂ ∨ fin ₂ ∧ Area ₂)
							inconsistent	rel ₁ → fin ₂ rel ₁ • inv ₂ ¬(fin ₂ → (rel ₂ ∨ rea ₂))
							inconsistent	rea ₁ → fin ₂ rea ₁ • inv ₂ ¬(fin ₂ → (rel ₂ ∨ rea ₂))
							unknown	other cases
37	rel ₁	true	true	rea ₁	true	$G(\text{trig}_1 \rightarrow \mathbf{F} (\text{rel}_1 \vee \text{rea}_1))$	inconsistent	trig ₁ • inv ₂ ¬(rel ₂ ∨ fin ₂ ∧ Area ₂)
							inconsistent	rel ₁ → fin ₂ rel ₁ • inv ₂ ¬(fin ₂ → (rel ₂ ∨ rea ₂))
							inconsistent	rea ₁ → fin ₂ rea ₁ • inv ₂ ¬(fin ₂ → (rel ₂ ∨ rea ₂))
							unknown	other cases
38	rel ₁	false	true	rea ₁	true	$G(\text{trig}_1 \rightarrow \text{rel}_1 \vee \text{rea}_1)$	inconsistent	trig ₁ • inv ₂ ¬(rel ₂ ∨ fin ₂ ∧ Area ₂)
							inconsistent	rel ₁ • inv ₂
							inconsistent	rea ₁ • inv ₂
							unknown	other cases
39	rel ₁	any	true	true	true	$G(\text{trig}_1 \rightarrow (\text{del}_1 \mathbf{U} \text{rel}_1 \vee \text{true}))) = \text{TRUE}$	unknown	all cases
40	rel ₁	del ₁	true	false	true	$G(\text{trig}_1 \rightarrow (\text{del}_1 \mathbf{U} \text{rel}_1))$	inconsistent	trig ₁ • inv ₂ ¬(rel ₂ ∨ fin ₂ ∧ Area ₂)
							inconsistent	rel ₁ → fin ₂ rel ₁ • inv ₂ ¬(fin ₂ → (rel ₂ ∨ rea ₂))
							unknown	other cases
41	rel ₁	true	true	false	true	$G(\text{trig}_1 \rightarrow \mathbf{F} \text{rel}_1)$	inconsistent	trig ₁ • inv ₂ ¬(rel ₂ ∨ fin ₂ ∧ Area ₂)
							inconsistent	rel ₁ → fin ₂ rel ₁ • inv ₂ ¬(fin ₂ → (rel ₂ ∨ rea ₂))
							unknown	other cases
42	rel ₁	false	true	false	true	$G(\text{trig}_1 \rightarrow \text{rel}_1)$	inconsistent	trig ₁ • inv ₂ ¬(rel ₂ ∨ fin ₂ ∧ Area ₂)
							inconsistent	rel ₁ • inv ₂
							unknown	other cases

48							inconsistent	$inv_1 \bullet inv_2$ $\neg((trig_1 \vee trig_2 \vee inv_1 \vee inv_2) \rightarrow (rel_1 \vee fin_1 \wedge rea_1))$ $\neg((trig_1 \vee trig_2 \vee inv_1 \vee inv_2) \rightarrow (rel_2 \vee fin_2 \wedge rea_2))$
							inconsistent	$trig_1 \bullet inv_2$ $\neg((trig_1 \vee trig_2 \vee inv_1 \vee inv_2) \rightarrow (rel_2 \vee fin_2 \wedge rea_2))$
							inconsistent	$trig_2 \bullet inv_1$ $\neg((trig_1 \vee trig_2 \vee inv_1 \vee inv_2) \rightarrow (rel_1 \vee fin_1 \wedge rea_1))$
	<u>rel₁</u>	true	<u>fin₁</u>	rea ₁	inv ₁	$G(trig_1 \rightarrow ((inv_1 \wedge \neg fin_1 \mathbf{W} rel_1) \vee (inv_1 \mathbf{U}(fin_1 \wedge (inv_1 \mathbf{U}(rel_1 \vee rea_1))))))$	inconsistent	$rel_1 \rightarrow fin_2$ $rel_1 \bullet inv_2$ $fin_1 \rightarrow fin_2$ $fin_1 \bullet inv_2$ $\neg((rel_1 \vee fin_1 \vee fin_2) \rightarrow (rel_2 \vee fin_2 \wedge rea_2))$
							inconsistent	$rel_1 \rightarrow fin_2$ $rel_1 \bullet inv_2$ $rea_1 \rightarrow fin_2$ $rea_1 \bullet inv_2$ $\neg((rel_1 \vee rea_1 \vee fin_2) \rightarrow (rel_2 \vee fin_2 \wedge rea_2))$
							consistent	$\cancel{inv_1} \rightarrow \cancel{inv_2}$ $\cancel{fin_1} \rightarrow \cancel{fin_2}$ $\cancel{rel_1} \rightarrow \cancel{rel_2}$ $\cancel{rea_1} \rightarrow \cancel{rea_2}$ $\cancel{rel_1} \rightarrow \cancel{rel_2}$
							unknown	other cases
49	<u>rel₁</u>	true	<u>fin₁</u>	rea ₁	true	$G(trig_1 \rightarrow ((\neg fin_1 \mathbf{W} rel_1) \vee \mathbf{F}(fin_1 \wedge \mathbf{F}(rel_1 \vee rea_1))))$	inconsistent	$trig_1 \bullet inv_2$ $\neg(rel_2 \vee fin_2 \wedge rea_2)$
							inconsistent	$rel_1 \rightarrow fin_2$ $rel_1 \bullet inv_2$ $fin_1 \rightarrow fin_2$ $fin_1 \bullet inv_2$ $\neg((rel_1 \vee fin_1 \vee fin_2) \rightarrow (rel_2 \vee fin_2 \wedge rea_2))$
							inconsistent	$rel_1 \rightarrow fin_2$ $rel_1 \bullet inv_2$ $rea_1 \rightarrow fin_2$ $rea_1 \bullet inv_2$ $\neg((rel_1 \vee rea_1 \vee fin_2) \rightarrow (rel_2 \vee fin_2 \wedge rea_2))$

							unknown	other cases
50	<u>rel₁</u>	true	<u>fin₁</u>	rea ₁	false	$G(\text{trig}_1 \rightarrow (\text{rel}_1 \vee (\text{fin}_1 \wedge \text{rea}_1)))$	inconsistent	$\text{trig}_1 \bullet \text{inv}_2$ $\neg((\text{trig}_1 \vee \text{trig}_2 \vee \text{inv}_2) \rightarrow (\text{rel}_2 \vee \text{fin}_2 \wedge \text{rea}_2))$
							inconsistent	$\text{rel}_1 \rightarrow \text{fin}_2$ $\text{rel}_1 \bullet \text{inv}_2$ $\text{fin}_1 \rightarrow \text{fin}_2$ $\text{fin}_1 \bullet \text{inv}_2$ $\neg((\text{rel}_1 \vee \text{fin}_1 \vee \text{fin}_2) \rightarrow (\text{rel}_2 \vee \text{fin}_2 \wedge \text{rea}_2))$
							inconsistent	$\text{rel}_1 \rightarrow \text{fin}_2$ $\text{rel}_1 \bullet \text{inv}_2$ $\text{rea}_1 \rightarrow \text{fin}_2$ $\text{rea}_1 \bullet \text{inv}_2$ $\neg((\text{rel}_1 \vee \text{rea}_1 \vee \text{fin}_2) \rightarrow (\text{rel}_2 \vee \text{fin}_2 \wedge \text{rea}_2))$
							unknown	other cases
51	<u>rel₁</u>	true	<u>fin₁</u>	true	inv ₁	$G(\text{trig}_1 \rightarrow ((\text{inv}_1 \wedge \neg \text{fin}_1 \mathbf{W} \text{rel}_1) \vee (\text{inv}_1 \mathbf{U} \text{fin}_1)))$	inconsistent	$\text{inv}_1 \bullet \text{inv}_2$ $\neg((\text{trig}_1 \vee \text{trig}_2 \vee \text{inv}_1 \vee \text{inv}_2) \rightarrow (\text{rel}_1 \vee \text{fin}_1))$ $\neg((\text{trig}_1 \vee \text{trig}_2 \vee \text{inv}_1 \vee \text{inv}_2) \rightarrow (\text{rel}_2 \vee \text{fin}_2 \wedge \text{rea}_2))$
							inconsistent	$\text{trig}_1 \bullet \text{inv}_2$ $\neg((\text{trig}_1 \vee \text{trig}_2 \vee \text{inv}_1 \vee \text{inv}_2) \rightarrow (\text{rel}_2 \vee \text{fin}_2 \wedge \text{rea}_2))$
							inconsistent	$\text{trig}_2 \bullet \text{inv}_1$ $\neg((\text{trig}_1 \vee \text{trig}_2 \vee \text{inv}_1 \vee \text{inv}_2) \rightarrow (\text{rel}_1 \vee \text{fin}_1))$
							inconsistent	$\text{rel}_1 \rightarrow \text{fin}_2$ $\text{rel}_1 \bullet \text{inv}_2$ $\text{fin}_1 \rightarrow \text{fin}_2$ $\text{fin}_1 \bullet \text{inv}_2$ $\neg((\text{rel}_1 \vee \text{fin}_1 \vee \text{fin}_2) \rightarrow (\text{rel}_2 \vee \text{fin}_2 \wedge \text{rea}_2))$
							unknown	other cases
52	<u>rel₁</u>	true	<u>fin₁</u>	true	true	$G(\text{trig}_1 \rightarrow (\neg \text{fin}_1 \mathbf{W} \text{rel}_1) \vee \mathbf{F} \text{fin}_1))$	inconsistent	$\text{trig}_1 \bullet \text{inv}_2$ $\neg(\text{rel}_2 \vee \text{fin}_2 \wedge \text{rea}_2)$
							inconsistent	$\text{rel}_1 \rightarrow \text{fin}_2$ $\text{rel}_1 \bullet \text{inv}_2$ $\text{fin}_1 \rightarrow \text{fin}_2$ $\text{fin}_1 \bullet \text{inv}_2$ $\neg((\text{rel}_1 \vee \text{fin}_1 \vee \text{fin}_2) \rightarrow (\text{rel}_2 \vee \text{fin}_2 \wedge \text{rea}_2))$
							unknown	other cases

53							inconsistent	$\text{trig}_1 \bullet \text{inv}_2$ $\neg((\text{trig}_1 \vee \text{trig}_2 \vee \text{inv}_2) \rightarrow (\text{rel}_2 \vee \text{fin}_2 \wedge \text{rea}_2))$
	<u>rel₁</u>	<i>true</i>	<u>fin₁</u>	<i>true</i>	<i>false</i>	$G(\text{trig}_1 \rightarrow (\text{rel}_1 \vee \text{fin}_1))$	inconsistent	$\text{rel}_1 \rightarrow \text{fin}_2$ $\text{rel}_1 \bullet \text{inv}_2$ $\text{fin}_1 \rightarrow \text{fin}_2$ $\text{fin}_1 \bullet \text{inv}_2$ $\neg((\text{rel}_1 \vee \text{fin}_1 \vee \text{fin}_2) \rightarrow (\text{rel}_2 \vee \text{fin}_2 \wedge \text{rea}_2))$
							unknown	other cases
54							inconsistent	$\text{inv}_1 \bullet \text{inv}_2$ $\neg((\text{trig}_1 \vee \text{trig}_2 \vee \text{inv}_1 \vee \text{inv}_2) \rightarrow \text{rel}_1)$ $\neg((\text{trig}_1 \vee \text{trig}_2 \vee \text{inv}_1 \vee \text{inv}_2) \rightarrow (\text{rel}_2 \vee \text{fin}_2 \wedge \text{rea}_2))$
							inconsistent	$\text{trig}_1 \bullet \text{inv}_2$ $\neg((\text{trig}_1 \vee \text{trig}_2 \vee \text{inv}_1 \vee \text{inv}_2) \rightarrow (\text{rel}_2 \vee \text{fin}_2 \wedge \text{rea}_2))$
	<u>rel₁</u>	<i>true</i>	<u>fin₁</u>	<i>false</i>	inv_1	$G(\text{trig}_1 \rightarrow (\text{inv}_1 \wedge \neg \text{fin}_1 \mathbf{W} \text{rel}_1))$	inconsistent	$\text{trig}_2 \bullet \text{inv}_1$ $\neg((\text{trig}_1 \vee \text{trig}_2 \vee \text{inv}_1 \vee \text{inv}_2) \rightarrow \text{rel}_1)$
							inconsistent	$\text{rel}_1 \rightarrow \text{fin}_2$ $\text{rel}_1 \bullet \text{inv}_2$ $\text{fin}_1 \rightarrow \text{fin}_2$ $\text{fin}_1 \bullet \text{inv}_2$ $\neg((\text{rel}_1 \vee \text{fin}_1 \vee \text{fin}_2) \rightarrow (\text{rel}_2 \vee \text{fin}_2 \wedge \text{rea}_2))$
							unknown	other cases
55							inconsistent	$\text{trig}_1 \bullet \text{inv}_2$ $\neg((\text{trig}_1 \vee \text{trig}_2 \vee \text{inv}_2) \rightarrow (\text{rel}_2 \vee \text{fin}_2 \wedge \text{rea}_2))$
	<u>rel₁</u>	<i>true</i>	<u>fin₁</u>	<i>false</i>	<i>false</i>	$G(\text{trig}_1 \rightarrow \text{rel}_1)$	inconsistent	$\text{rel}_1 \bullet \text{inv}_2$ $\neg((\text{trig}_1 \vee \text{trig}_2 \vee \text{rel}_1 \vee \text{inv}_2) \rightarrow (\text{rel}_2 \vee \text{fin}_2 \wedge \text{rea}_2))$
							unknown	other cases
56							inconsistent	$\text{trig}_1 \bullet \text{inv}_2$ $\neg(\text{rel}_2 \vee \text{fin}_2 \wedge \text{rea}_2)$
	<u>rel₁</u>	<i>true</i>	<u>fin₁</u>	<i>false</i>	<i>true</i>	$G(\text{trig}_1 \rightarrow (\neg \text{fin}_1 \mathbf{W} \text{rel}_1))$	inconsistent	$\text{rel}_1 \rightarrow \text{fin}_2$ $\text{rel}_1 \bullet \text{inv}_2$ $\text{fin}_1 \rightarrow \text{fin}_2$ $\text{fin}_1 \bullet \text{inv}_2$ $\neg((\text{rel}_1 \vee \text{fin}_1 \vee \text{fin}_2) \rightarrow (\text{rel}_2 \vee \text{fin}_2 \wedge \text{rea}_2))$
							unknown	other cases
57	<u>rel₁</u>	<i>false</i>	<u>fin₁</u>	rea_1	inv_1		inconsistent	$\text{inv}_1 \bullet \text{inv}_2$

								$\neg((\text{trig}_1 \vee \text{trig}_2 \vee \text{inv}_1 \vee \text{inv}_2) \rightarrow (\text{rel}_1 \vee \text{fin}_1 \wedge \text{rea}_1))$ $\neg((\text{trig}_1 \vee \text{trig}_2 \vee \text{inv}_1 \vee \text{inv}_2) \rightarrow (\text{rel}_2 \vee \text{fin}_2 \wedge \text{rea}_2))$
							inconsistent	$\text{trig}_1 \bullet \text{inv}_2$ $\neg((\text{trig}_1 \vee \text{trig}_2 \vee \text{inv}_1 \vee \text{inv}_2) \rightarrow (\text{rel}_2 \vee \text{fin}_2 \wedge \text{rea}_2))$
							inconsistent	$\text{trig}_2 \bullet \text{inv}_1$ $\neg((\text{trig}_1 \vee \text{trig}_2 \vee \text{inv}_1 \vee \text{inv}_2) \rightarrow (\text{rel}_1 \vee \text{fin}_1 \wedge \text{rea}_1))$
						$\mathbf{G}(\text{trig}_1 \rightarrow ((\text{inv}_1 \wedge \neg \text{fin}_1 \mathbf{W} \text{rel}_1) \vee (\text{inv}_1 \mathbf{U}(\text{fin}_1 \wedge (\text{rel}_1 \vee \text{rea}_1))))))$	inconsistent	$\text{rel}_1 \rightarrow \text{fin}_2$ $\text{rel}_1 \bullet \text{inv}_2$ $\text{fin}_1 \rightarrow \text{fin}_2$ $\text{fin}_1 \bullet \text{inv}_2$ $\neg((\text{rel}_1 \vee \text{fin}_1 \vee \text{fin}_2) \rightarrow (\text{rel}_2 \vee \text{fin}_2 \wedge \text{rea}_2))$
							inconsistent	$\text{rel}_1 \rightarrow \text{fin}_2$ $\text{rel}_1 \bullet \text{inv}_2$ $\text{rea}_1 \rightarrow \text{fin}_2$ $\text{rea}_1 \bullet \text{inv}_2$ $\neg((\text{rel}_1 \vee \text{rea}_1 \vee \text{fin}_2) \rightarrow (\text{rel}_2 \vee \text{fin}_2 \wedge \text{rea}_2))$
							unknown	other cases
58							inconsistent	$\text{trig}_1 \bullet \text{inv}_2$ $\neg(\text{rel}_2 \vee \text{fin}_2 \wedge \text{rea}_2)$
							inconsistent	$\text{rel}_1 \rightarrow \text{fin}_2$ $\text{rel}_1 \bullet \text{inv}_2$ $\text{fin}_1 \rightarrow \text{fin}_2$ $\text{fin}_1 \bullet \text{inv}_2$ $\neg((\text{rel}_1 \vee \text{fin}_1 \vee \text{fin}_2) \rightarrow (\text{rel}_2 \vee \text{fin}_2 \wedge \text{rea}_2))$
							inconsistent	$\text{rel}_1 \rightarrow \text{fin}_2$ $\text{rel}_1 \bullet \text{inv}_2$ $\text{rea}_1 \rightarrow \text{fin}_2$ $\text{rea}_1 \bullet \text{inv}_2$ $\neg((\text{rel}_1 \vee \text{rea}_1 \vee \text{fin}_2) \rightarrow (\text{rel}_2 \vee \text{fin}_2 \wedge \text{rea}_2))$
							unknown	other cases
59							inconsistent	$\text{trig}_1 \bullet \text{inv}_2$ $\neg((\text{trig}_1 \vee \text{trig}_2 \vee \text{inv}_2) \rightarrow (\text{rel}_2 \vee \text{fin}_2 \wedge \text{rea}_2))$
							inconsistent	$\text{rel}_1 \rightarrow \text{fin}_2$ $\text{rel}_1 \bullet \text{inv}_2$ $\text{fin}_1 \rightarrow \text{fin}_2$

								$fin_1 \bullet inv_2$ $\neg((rel_1 \vee fin_1 \vee fin_2) \rightarrow (rel_2 \vee fin_2 \wedge rea_2))$
							inconsistent	$rel_1 \rightarrow fin_2$ $rel_1 \bullet inv_2$ $rea_1 \rightarrow fin_2$ $rea_1 \bullet inv_2$ $\neg((rel_1 \vee rea_1 \vee fin_2) \rightarrow (rel_2 \vee fin_2 \wedge rea_2))$
							unknown	other cases
60	<u>rel₁</u>	false	<u>fin₁</u>	true	any	TRUE	unknown	all cases
61	<u>rel₁</u>	false	<u>fin₁</u>	false	inv ₁	$G(trig_1 \rightarrow ((inv_1 \wedge \neg fin_1 \mathbf{W}rel_1) \vee (inv_1 \mathbf{U}(fin_1 \wedge rel_1))))$	inconsistent	$inv_1 \bullet inv_2$ $\neg((trig_1 \vee trig_2 \vee inv_1 \vee inv_2) \rightarrow rel_1)$ $\neg((trig_1 \vee trig_2 \vee inv_1 \vee inv_2) \rightarrow (rel_2 \vee fin_2 \wedge rea_2))$
							inconsistent	$trig_1 \bullet inv_2$ $\neg((trig_1 \vee trig_2 \vee inv_1 \vee inv_2) \rightarrow (rel_2 \vee fin_2 \wedge rea_2))$
							inconsistent	$trig_2 \bullet inv_1$ $\neg((trig_1 \vee trig_2 \vee inv_1 \vee inv_2) \rightarrow rel_1)$
							inconsistent	$rel_1 \rightarrow fin_2$ $rel_1 \bullet inv_2$ $fin_1 \rightarrow fin_2$ $fin_1 \bullet inv_2$ $\neg((rel_1 \vee fin_1 \vee fin_2) \rightarrow (rel_2 \vee fin_2 \wedge rea_2))$
							unknown	other cases
62	<u>rel₁</u>	<u>del₁</u>	<u>fin₁</u>	rea ₁	true	$G(trig_1 \rightarrow (\neg fin_1 \mathbf{W}rel_1) \vee (F(fin_1 \wedge (del_1 \mathbf{U}(rel_1 \vee rea_1))))))$	inconsistent	$trig_1 \bullet inv_2$ $\neg(rel_2 \vee fin_2 \wedge rea_2)$
							inconsistent	$rel_1 \rightarrow fin_2$ $rel_1 \bullet inv_2$ $fin_1 \rightarrow fin_2$ $fin_1 \bullet inv_2$ $\neg((rel_1 \vee fin_1 \vee fin_2) \rightarrow (rel_2 \vee fin_2 \wedge rea_2))$
							inconsistent	$rel_1 \rightarrow fin_2$ $rel_1 \bullet inv_2$ $rea_1 \rightarrow fin_2$ $rea_1 \bullet inv_2$ $\neg((rel_1 \vee rea_1 \vee fin_2) \rightarrow (rel_2 \vee fin_2 \wedge rea_2))$
							unknown	other cases

63	<u>rel₁</u>	<u>del₁</u>	<u>fin₁</u>	rea ₁	<i>false</i>	$G(\text{trig}_1 \rightarrow (\text{rel}_1 \vee \text{fin}_1 \wedge \text{rea}_1))$	inconsistent	$\text{trig}_1 \bullet \text{inv}_2$ $\neg((\text{trig}_1 \vee \text{trig}_2 \vee \text{inv}_2) \rightarrow (\text{rel}_2 \vee \text{fin}_2 \wedge \text{rea}_2))$
							inconsistent	$\text{rel}_1 \rightarrow \text{fin}_2$ $\text{rel}_1 \bullet \text{inv}_2$ $\text{fin}_1 \rightarrow \text{fin}_2$ $\text{fin}_1 \bullet \text{inv}_2$ $\neg((\text{rel}_1 \vee \text{fin}_1 \vee \text{fin}_2) \rightarrow (\text{rel}_2 \vee \text{fin}_2 \wedge \text{rea}_2))$
							inconsistent	$\text{rel}_1 \rightarrow \text{fin}_2$ $\text{rel}_1 \bullet \text{inv}_2$ $\text{rea}_1 \rightarrow \text{fin}_2$ $\text{rea}_1 \bullet \text{inv}_2$ $\neg((\text{rel}_1 \vee \text{rea}_1 \vee \text{fin}_2) \rightarrow (\text{rel}_2 \vee \text{fin}_2 \wedge \text{rea}_2))$
							unknown	other cases
64	<u>rel₁</u>	<u>del₁</u>	<u>fin₁</u>	<i>true</i>	any	TRUE	unknown	all cases
65	rel ₁	del ₁	fin ₁	<i>false</i>	inv ₁	$G(\text{trig}_1 \rightarrow (\text{inv}_1 \wedge \neg \text{fin}_1 \mathbf{W} \text{rel}_1))$	inconsistent	$\text{inv}_1 \bullet \text{inv}_2$ $\neg((\text{trig}_1 \vee \text{trig}_2 \vee \text{inv}_1 \vee \text{inv}_2) \rightarrow \text{rel}_1)$ $\neg((\text{trig}_1 \vee \text{trig}_2 \vee \text{inv}_1 \vee \text{inv}_2) \rightarrow (\text{rel}_2 \vee \text{fin}_2 \wedge \text{rea}_2))$
							inconsistent	$\text{trig}_1 \bullet \text{inv}_2$ $\neg((\text{trig}_1 \vee \text{trig}_2 \vee \text{inv}_1 \vee \text{inv}_2) \rightarrow (\text{rel}_2 \vee \text{fin}_2 \wedge \text{rea}_2))$
							inconsistent	$\text{trig}_2 \bullet \text{inv}_1$ $\neg((\text{trig}_1 \vee \text{trig}_2 \vee \text{inv}_1 \vee \text{inv}_2) \rightarrow \text{rel}_1)$
							inconsistent	$\text{rel}_1 \rightarrow \text{fin}_2$ $\text{rel}_1 \bullet \text{inv}_2$ $\text{fin}_1 \rightarrow \text{fin}_2$ $\text{fin}_1 \bullet \text{inv}_2$ $\neg((\text{rel}_1 \vee \text{fin}_1 \vee \text{fin}_2) \rightarrow (\text{rel}_2 \vee \text{fin}_2 \wedge \text{rea}_2))$
							unknown	other cases
66	<u>rel₁</u>	del ₁	<u>fin₁</u>	<i>false</i>	<i>false</i>	$G(\text{trig}_1 \rightarrow \text{rel}_1)$	inconsistent	$\text{trig}_1 \bullet \text{inv}_2$ $\neg((\text{trig}_1 \vee \text{trig}_2 \vee \text{inv}_2) \rightarrow (\text{rel}_2 \vee \text{fin}_2 \wedge \text{rea}_2))$
							inconsistent	$\text{rel}_1 \bullet \text{inv}_2$ $\neg((\text{trig}_1 \vee \text{trig}_2 \vee \text{rel}_1 \vee \text{inv}_2) \rightarrow (\text{rel}_2 \vee \text{fin}_2 \wedge \text{rea}_2))$
							unknown	other cases
67	<u>rel₁</u>	del ₁	<u>fin₁</u>	<i>false</i>	<i>true</i>	$G(\text{trig}_1 \rightarrow (\neg \text{fin}_1 \mathbf{W} \text{rel}_1))$	inconsistent	$\text{trig}_1 \bullet \text{inv}_2$ $\neg(\text{rel}_2 \vee \text{fin}_2 \wedge \text{rea}_2)$
							inconsistent	$\text{rel}_1 \rightarrow \text{fin}_2$

[illegible]