

1	$\vdash (f \wedge g) \rightarrow g$	A1	✓	✓	
2	$\vdash K1 (f \wedge g) \rightarrow K1 g$	KD	✓	✓	1
3	$\vdash (f \wedge g) \rightarrow f$	A1	✓	✓	
4	$\vdash K1 (f \wedge g) \rightarrow K1 f$	KD	✓	✓	3
5	$\vdash (K1 (f \wedge g) \rightarrow K1 f) \rightarrow ((K1 (f \wedge g) \rightarrow K1 g) \rightarrow (K1 (f \wedge g) \rightarrow K1 (f \wedge g)))$	A1	✓	✓	
6	$\vdash (K1 (f \wedge g) \rightarrow K1 g) \rightarrow (K1 (f \wedge g) \rightarrow (K1 f \wedge K1 g))$	R1	✓	✓	4, 5
7	$\vdash K1 (f \wedge g) \rightarrow (K1 f \wedge K1 g)$	R1	✓	✓	2, 6

System

K

▼

Agents

(m)

Goal

K1(f&g)->(K1f&K1g)

✓

Syntax Overview

▼