

1	$\vdash Cf \rightarrow Ef$	Rule	✓
2	$\vdash Ef \leftrightarrow (K1 f \wedge (K2 f \wedge K3 f))$	A6	✓
3	$\vdash Ef \rightarrow (K1 f \wedge (K2 f \wedge K3 f))$	EE	✓ 2
4	$\vdash Cf \rightarrow (K1 f \wedge (K2 f \wedge K3 f))$	HS	✓ 1, 3
5	$\vdash (K1 f \wedge (K2 f \wedge K3 f)) \rightarrow K1 f$	A1	✓
6	$\vdash Cf \rightarrow K1 f$	HS	✓ 4, 5

System	KEC	✓	Agents	3
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Goal Cf->K1f	✓
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Syntax Overview	✓
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