## A Syntactic Proof Guide for Epistemic Logic



1 ⊢ K2 f → f	A3	<b>✓</b> ∨
$2 \vdash K1 K2 f \rightarrow K1 f$	KD	<b>✓</b> ∨ 1
System S5 × Agents 2		
Goal K1 K2 f -> K1 f		<b>✓</b>
Syntax Overview		~