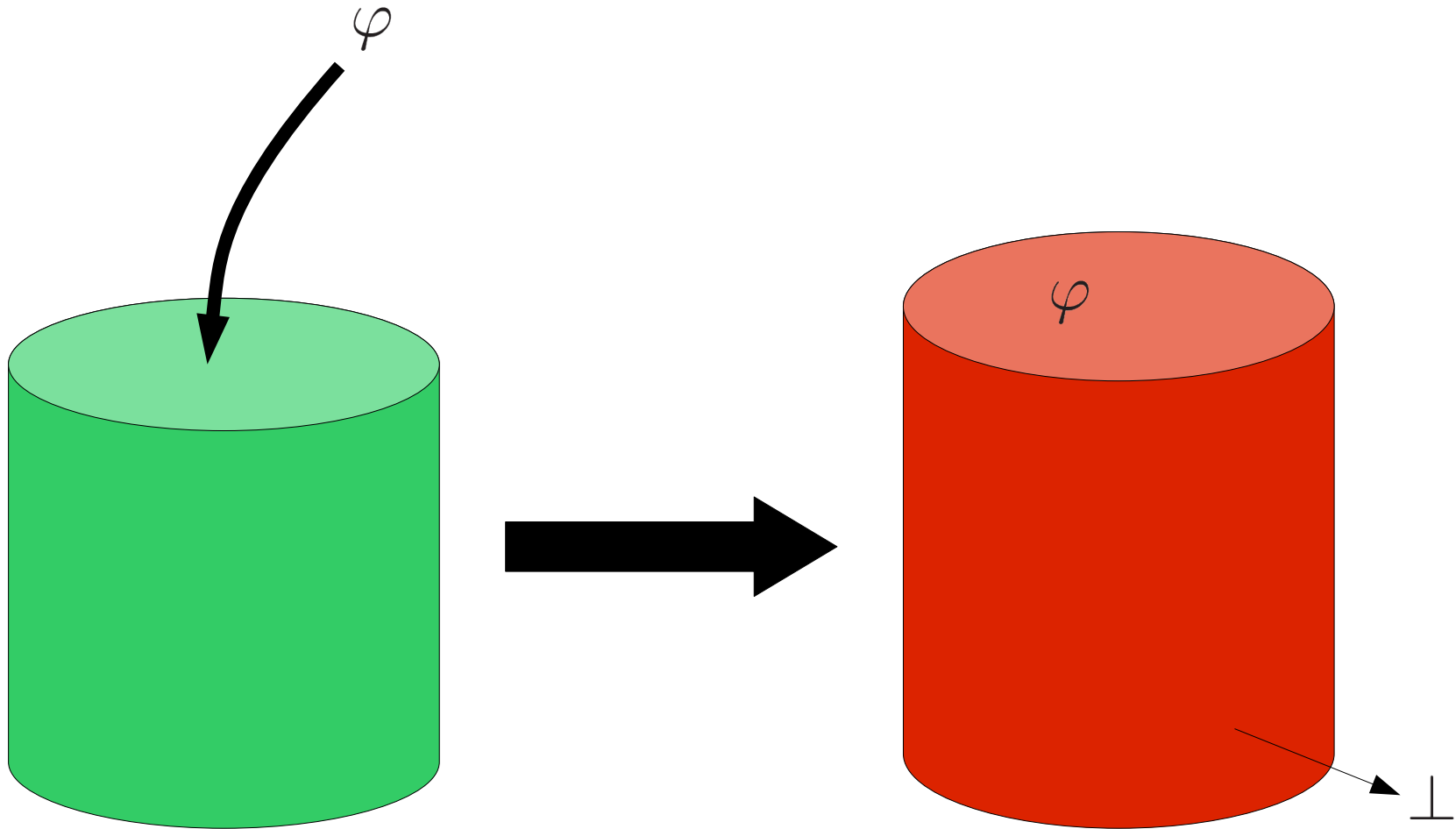


Completeness of modal logic K

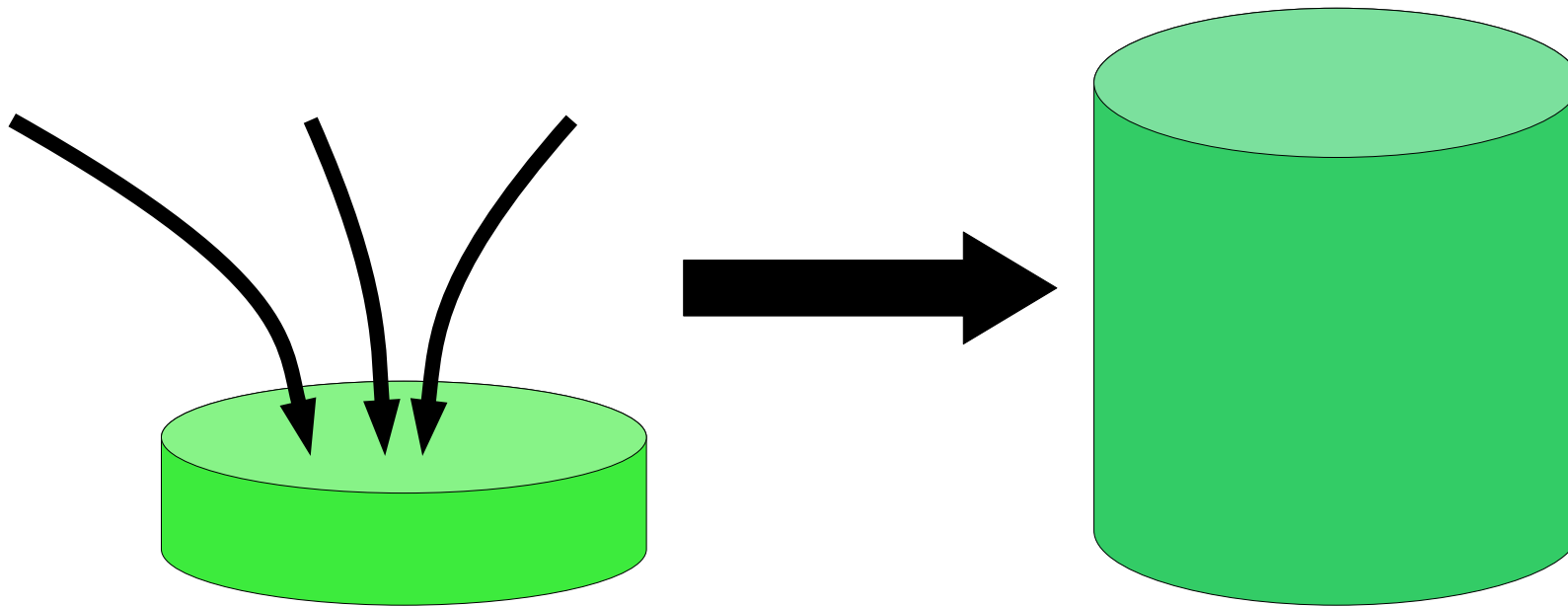
But

$$\Sigma \vdash \varphi \iff \Sigma \models \varphi$$

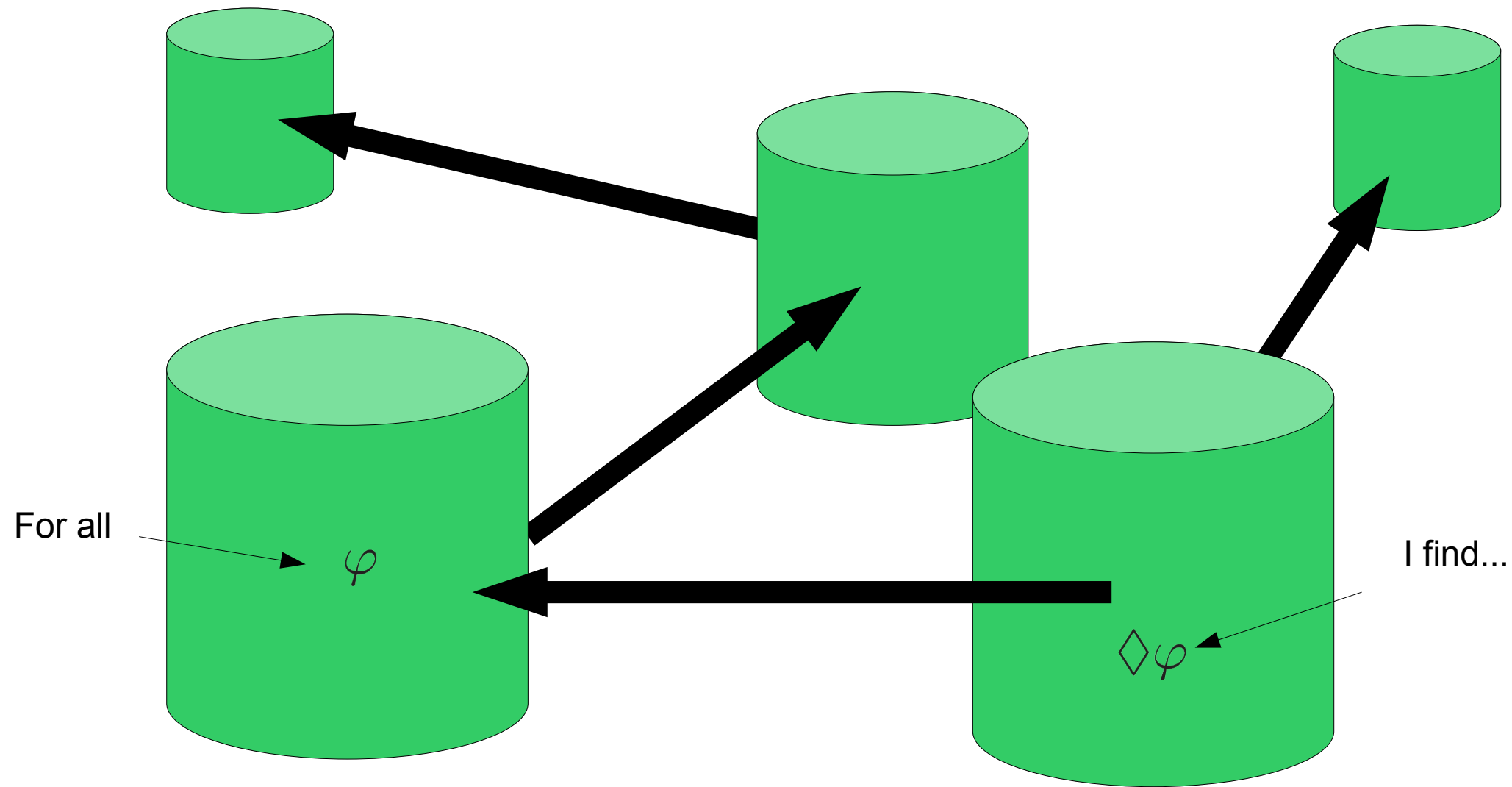
Maximal consistent set



Lindenbaum's Lemma



Canonical model



Truth lemma

