

G53KRR: Exercise on answer extraction

Consider the following knowledge base (where *run*, *nothing*, *now* and *bear* are constants):

S1 $\forall t \forall x (See(t, x) \wedge Dangerous(x) \supset BestAction(t, run))$

S2 $\forall t (\neg \exists x (See(t, x) \wedge Dangerous(x)) \supset BestAction(t, nothing))$

S3 $Dangerous(bear)$

S4 $See(now, bear)$

Show using resolution that the knowledge base entails $\exists x BestAction(now, x)$ and extract the answer (which action is it).