Inductive reasoning about chimeric creatures

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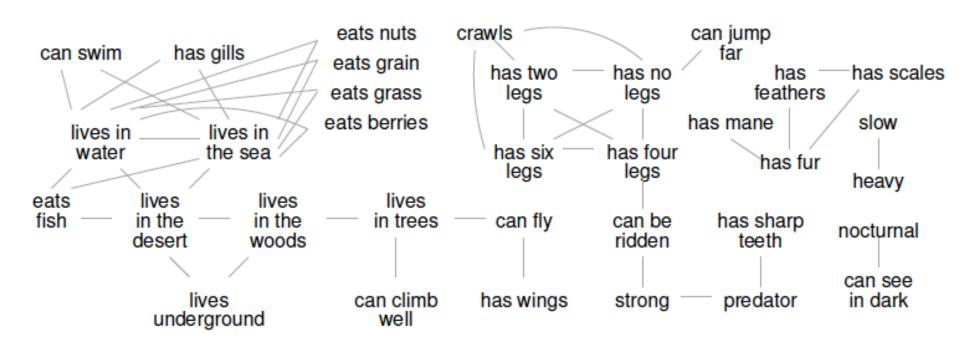




Inductive reasoning

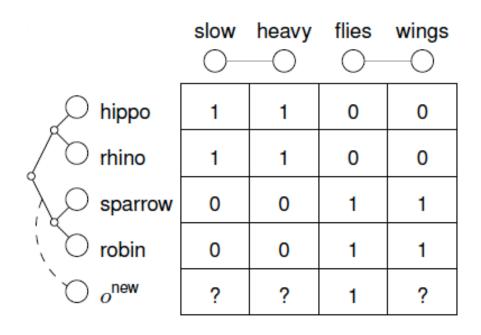
Animal X has no legs. Animal X can fly.

Animal X has wings.

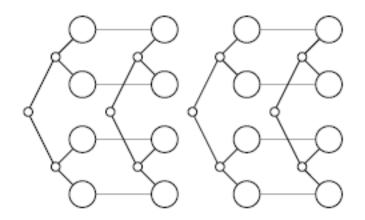


(Osherson, Rips, Heit, ...)

Modeling inductive reasoning



Structure combination model



Observed entries taken from the Leuven Natural Concept Database (DeDeyne et al)

An undirected graphical model

Experimental results

Chimeras

Animal X has no legs. Animal X can fly.

Animal X has wings.

2) Non-chimeras

Animal X has no legs.

Animal X has wings.

Exemplar model (case-based)

Structure combination model

