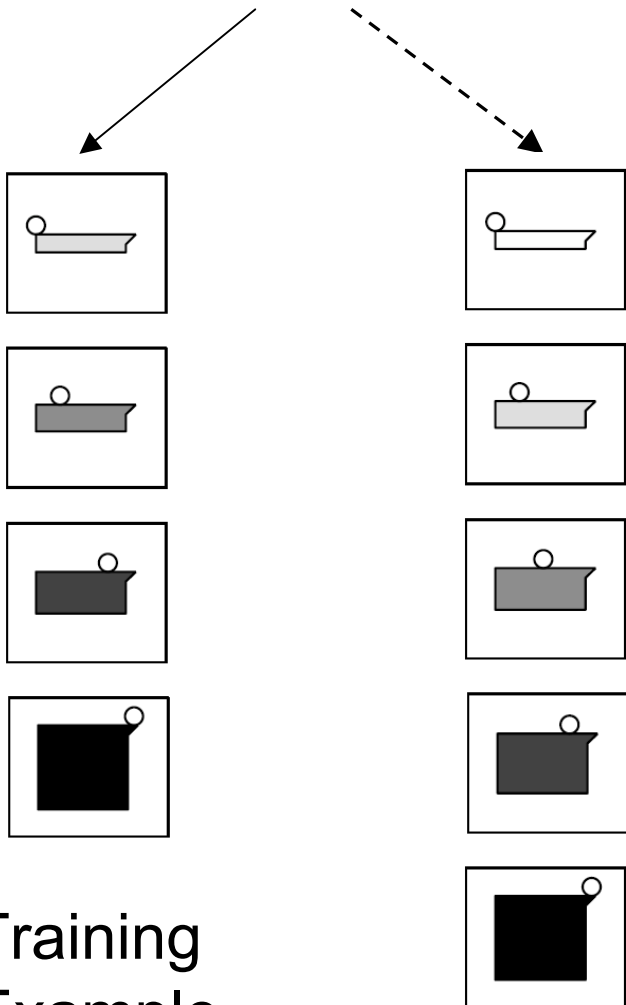


# Abstraction and relational learning

Charles Kemp & Alan Jern, CMU

“All dimensions are aligned”



Training  
Example

A hierarchical generative  
model can explain one-  
shot relational learning.

← The second group is  
generated after observing a  
single training example