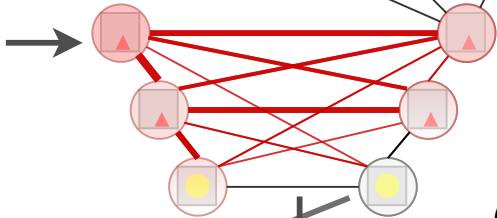
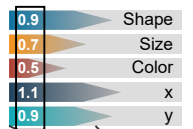
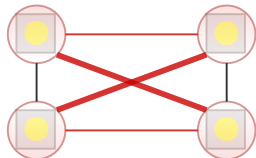
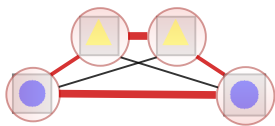
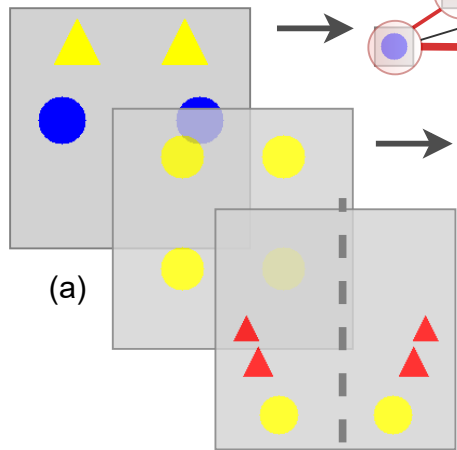


# Kandinsky Figures of vertical symmetry



(d)

$$\sum r = R$$



Symbolic representation of each sub-graph  $G$  with relevance  $R$

Positive label for all examples (=sub-graphs), where  $R > \text{threshold } t$ , negative label otherwise

Learning with ILP from positive and negative examples

**Common and discriminating features that have been used by a GNN to distinguish between symmetry and non-symmetry as symbolic output**

Sub-Concepts

as images

as sub-graphs

