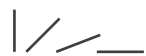




Low-level Processing



Orientation



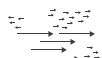
Colour



Contrast

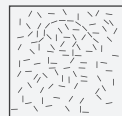


Disparity



Movement
direction

Intermediate-level Processing



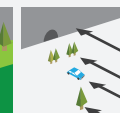
Contour
Integration



Surface
Properties



Shape
Discrimination



Surface
Depth



Surface
Segmentation



Object
motion/Shape
from kinematic
cues

High-level Processing



Object
Identification



Image Linking:
Generalization across
different images of an
object

Object Representation

Recall

Working Memory

Categorical Linking
Generalization across
different members of an
object category

Toy car Motor car Sports car

Associative Linking
Association between
different objects/events

Motor Racing Road Trip

**Signals from other
sensory modalities**
Sound, smell, touch.

Emotional Valence
Memories to emotional
events