PROBLEM 1: There is not enough information in the image

Example 1: The amazing disappearing contour

Edges are important (Craik-O'Brien-Cornsweet illusion)

Example 2: You make edges when you can. Subjective contours

Example 3: Shadow letters

Example 4: Mooney faces

Example 5: Contour completion ... rules

Example 5: Good continuation ... more rules

Gestalt Psychology (see the text)

Big Example 6: 2D ---> 3D How many depth cues can you name (and illustrate/describe)? 1. 2. 3. 4. 5. more....

PROBLEM 2: There is too much information in the image: Where is Waldo?

"Parallel" Search Basic Features (like what?) Preattentive processing

"Serial"Search

"Guided" Search

What is attention for? The "binding problem" (the field's jargon)