

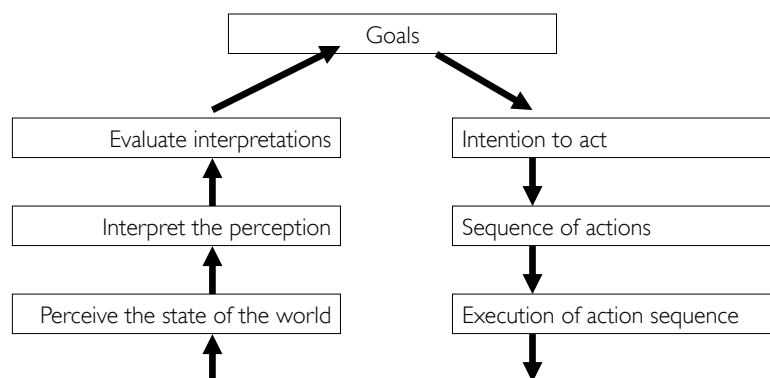
Direct Perceivers

HCI Class 5

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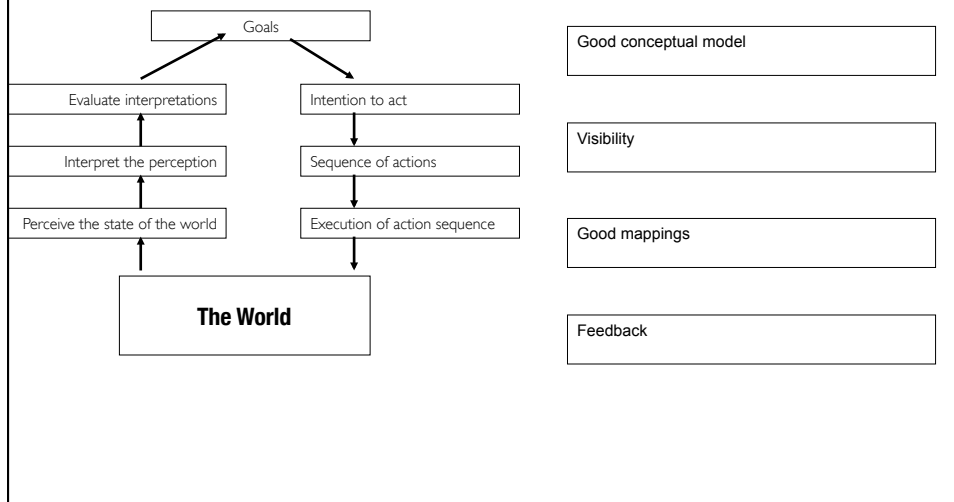


Staged Model of Human Action



(From Norman, 1988)

Staged model ... Design Principles



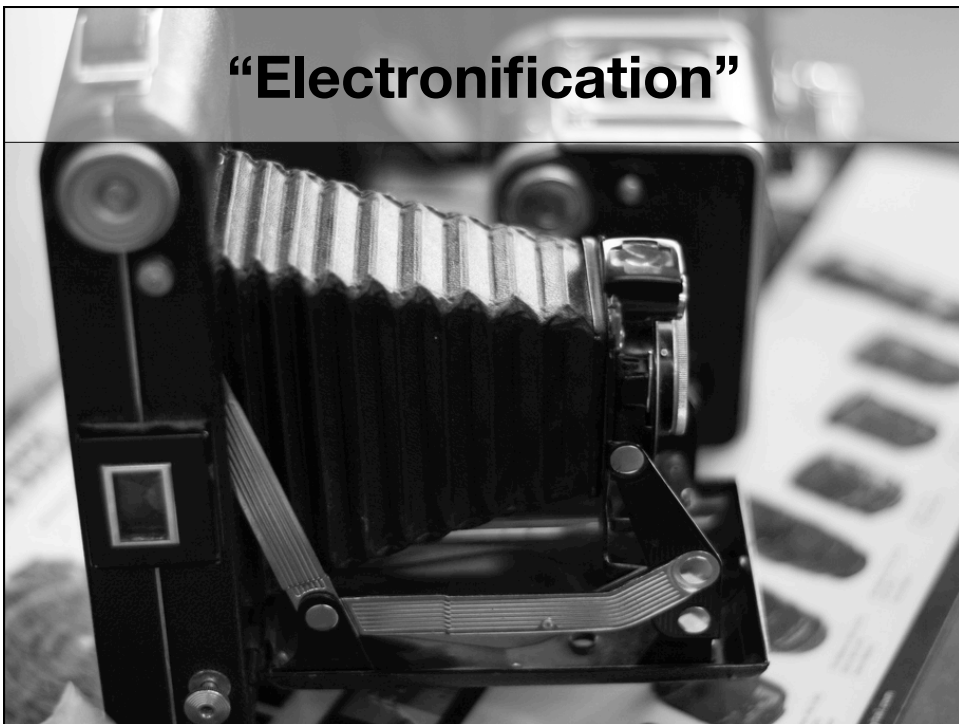
Affordances Definition

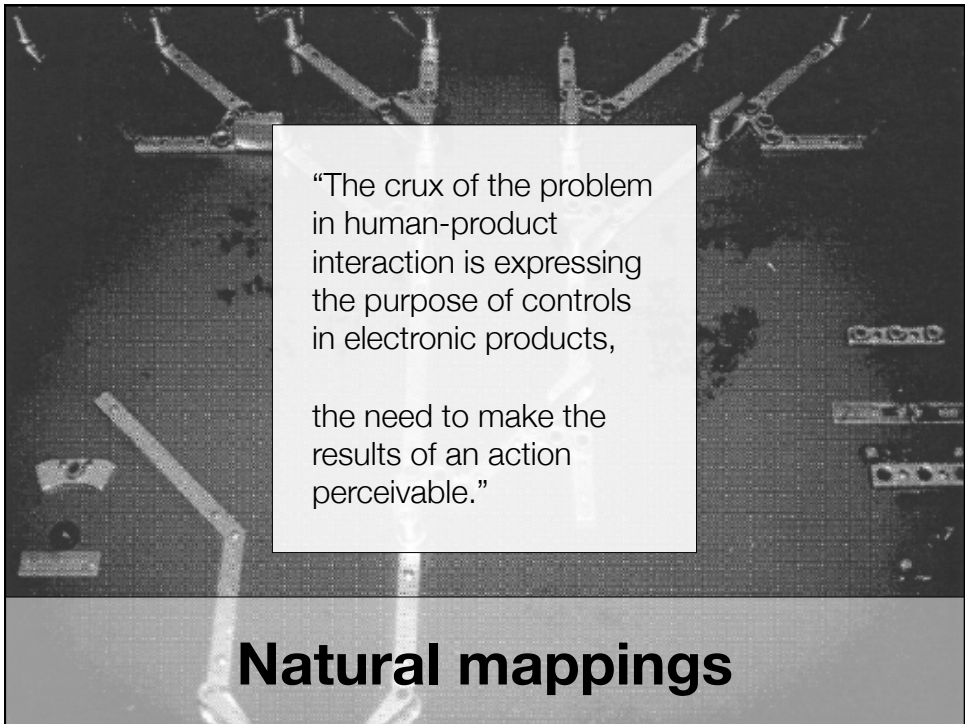
“The Affordances of the environment are what it offers the animal, what it provides or furnishes, either for good or ill” (Gibson, 1986)



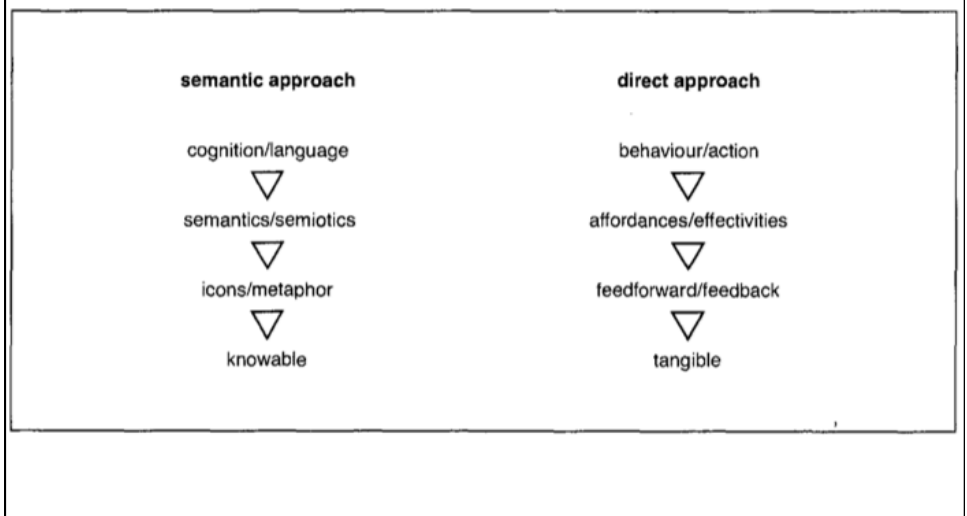
Ecological Psychology JJ Gibson

- Reciprocal relationship between organism & environment
- Opportunities for action are directly perceived
- Objective/real properties of the relationship
- The inseparability of perception and action





Creating Meaning



Interaction Relabelling



**Feedforward
+
Inherent Feedback**

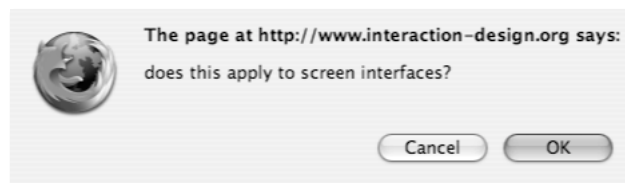
Example: Video deck concept





Location
Direction
Modality
Time

How Far Do Affordances Stretch?



Perceived affordances?

Sequential affordances?

Nested affordances?

Learned affordances?

False affordances?

Task for this week

- Design an interface for controlling the indoor climate of a room.
 - Temperature, ventilation, lighting, sound, etc.
 - Try to use the ideas we've discussed in the class.
 - Mock up your interface in physical form so that others can try it out in class next week.

Image Credits



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