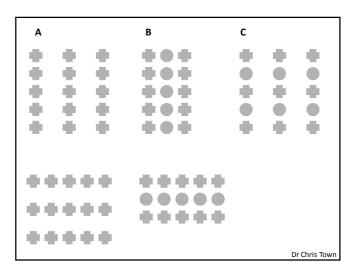
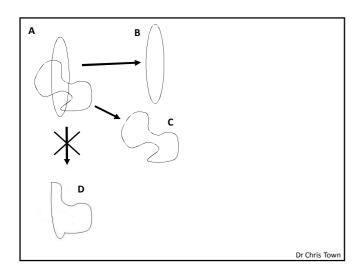
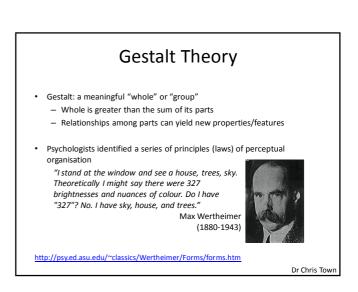
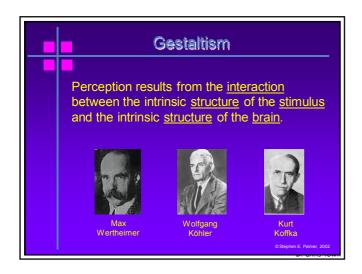


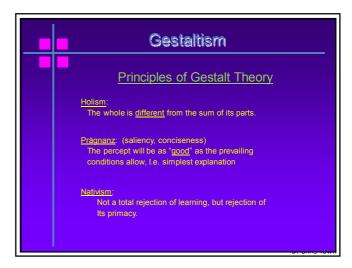
Dr Chris Town

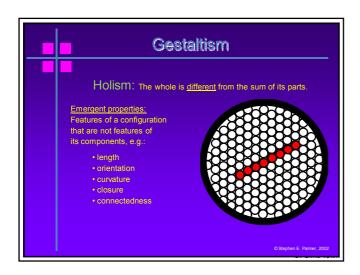


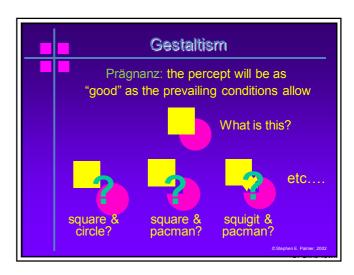


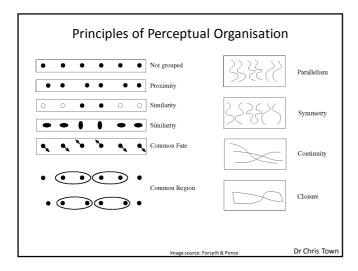


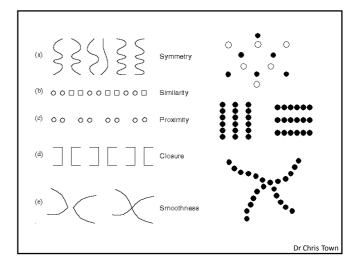












## **Gestalt Theory**

## Koffka noted in 1935:

"...to apply the Gestalt category means to find out which parts of nature belong as parts to functional wholes, to discover their position in these wholes, their degree of relative independence, and the articulation of larger wholes into sub-wholes."

Dr Chris Town

## Max Wertheimer

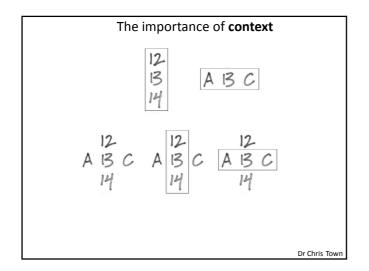
"There are wholes, the behaviour of which is not determined by that of their individual elements, but where the part-processes are themselves determined by the intrinsic nature of the whole (...) This problem cannot be solved by listing possibilities for systematisation, classification, and arrangement. If it is to be attacked at all, we must be guided by the spirit of the new method and by the concrete nature of the things themselves which we are studying, and set ourselves to penetrate to that which is really given by nature." Influences of grouping

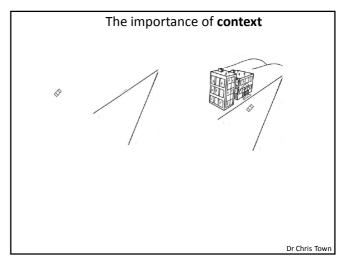
a b

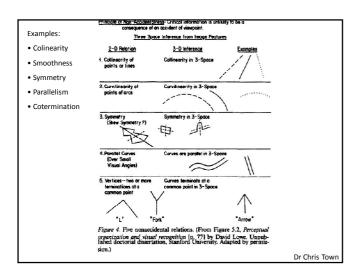
Grouping influences other perceptual mechanisms such as lightness perception

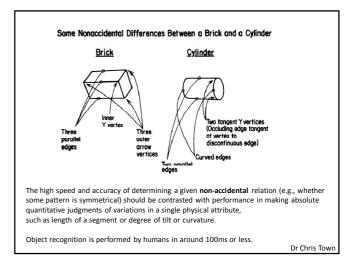
C

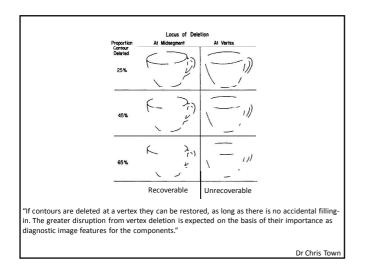
http://web.mit.edu/persc/people/a debon/publications/gazzan.dr/Aofflua.html Dr Chris Town

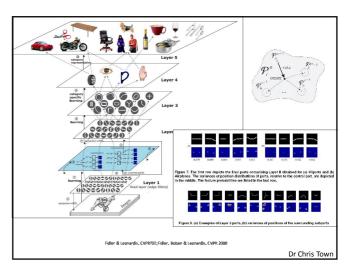


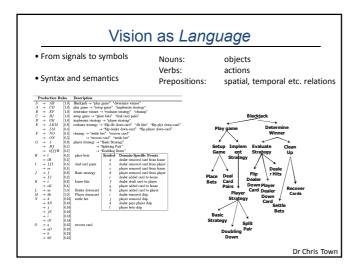


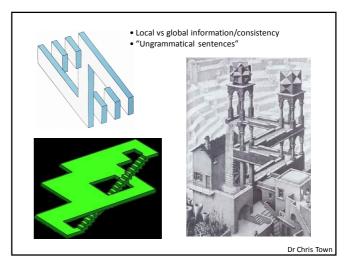








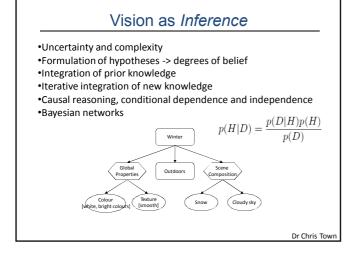


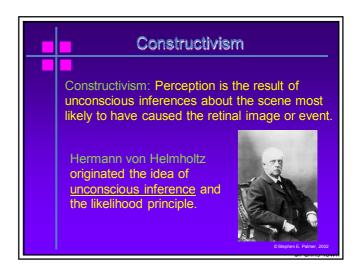


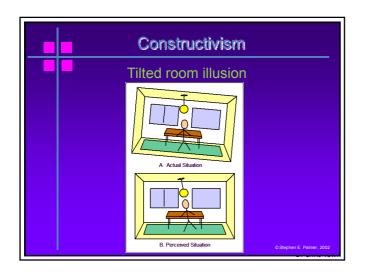


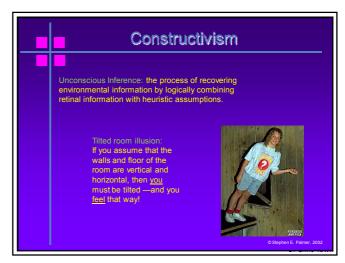
Aoccdrnig to rscheearch at Cmabrigde Uinervtisy, it deosn't mttaer in what oredr the Itteers in a wrod are, the olny iprmoetnt tihng is that the frist and Isat Itteer be at the rghit pclae. The rset can be a total mses and you can sitll raed it wouthit a porbelm. Tihs is bcuseae the huamn mnid deos not raed ervey Iteter by istlef, but the word as a wlohe.

Dr Chris Town









- Likelihood Principle: "we will perceive the object that is most likely to be the cause of our sensory stimulation" (Helmholtz)
- Hypothesis Testing: "we may think of sensory stimulation as providing data for hypotheses concerning the state of the external world" (Richard Gregory)

Dr Chris Town

