Sorting and Ordering

- derived spaces for ordering
- spatial position as strongest perceptual cue
- finding the right order
  - automatically
  - through exploration

Manual Ordering: Bertin

- reorderable matrices - manually!

Interactive Ordering: Table Lens

- click to sort by columns
- also, is focus+context approach
- demo: www.inxight.com/products/sdks/tl

Interactive Ordering: Rivet

- performance analysis of parallel system
  - order: machine name vs. lock acquisition time

VisDB: Spacefilling Pixels

- how to draw pixels?
  - sort, color by relevance
- local ordering
  - spiral

VisDB Windows

- grouped dimensions
- separate dimensions

VisDB Results: Separate Dimensions

- spiral
- 2D

VisDB Results: Grouped Dimensions

Another Pixel-Oriented Example

- SeeSoft from AT&T

VisDB Critique

- pixel-oriented methods have power
- but studies needed
  - are spacefilling curves understandable
  - when does visual complexity overwhelm