The Art and Science of Depiction

Drawing systems

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Assignments for Monday 30.

- Solso Cognition and the Visual Arts
 - Chapter 8 & 9
- Final project
 - Firm subject

Drawing system

Plan

- Drawing and projection
 - Linear perspective & the Renaissance
 - Drawing systems
 - Catalogue of "all" drawing systems Advantage/disadvantages
 - Advantage/disadvantagesDistortion and constraints
- Denotation
- Tone & color

Drawing systen

Issues

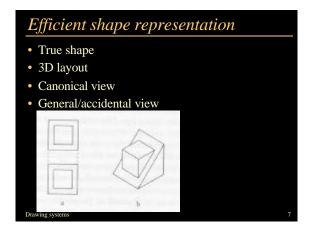
- Place of the spectator
- Intrinsic/extrinsic (essential/accidental)
- Unified space
- Shape representation
- Error/distortion/choice
- Child development
- No cultural judgment!

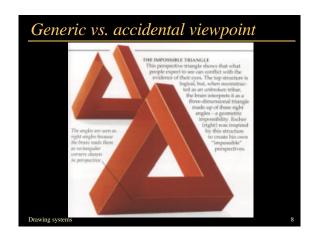
Drawing systen

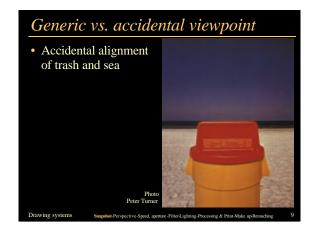
Context

- Importance of the notion of front/top/side
- · Presence of lines and planes or not
- Orthogonals
 - Lines orthogonal to the picture plane
 - Le. lines that converge in the center of the image in central perspective
- Picture plane/curved picture

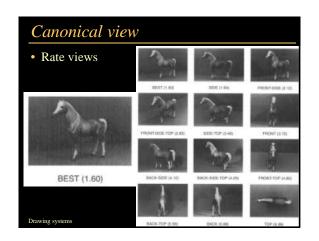
Drawing system

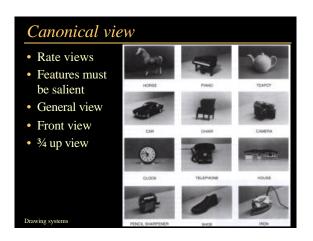


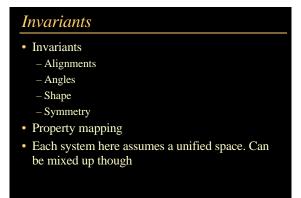




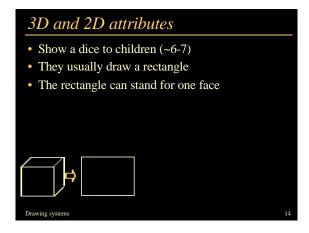


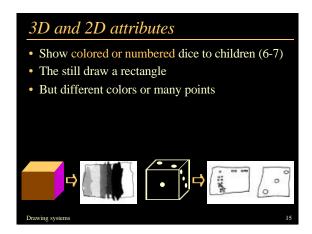


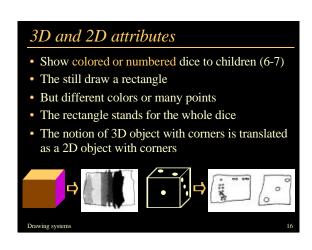


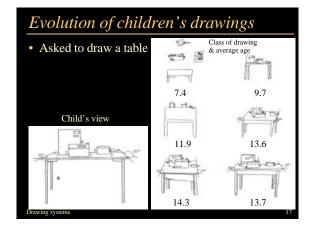


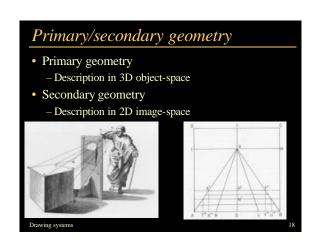
Drawing systems

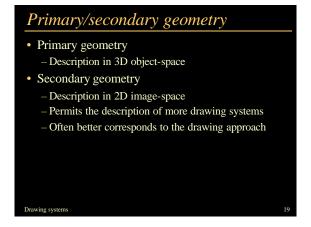


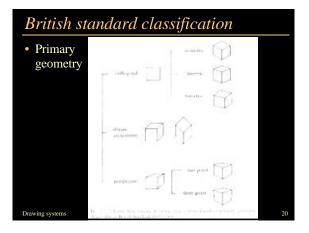


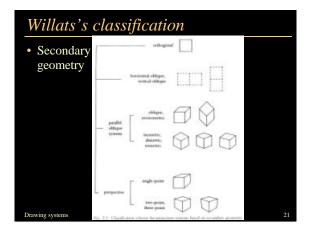


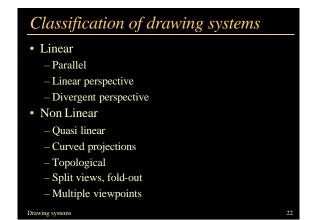


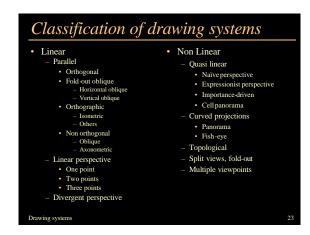


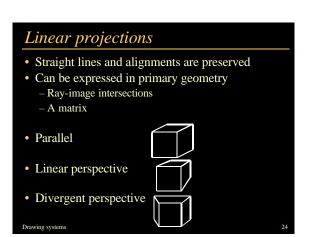




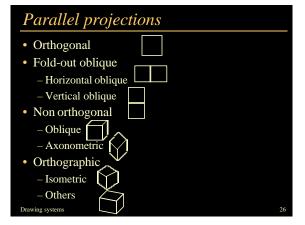


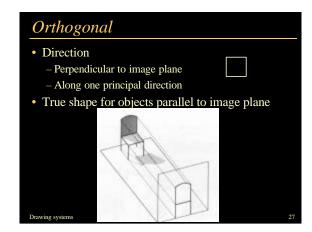


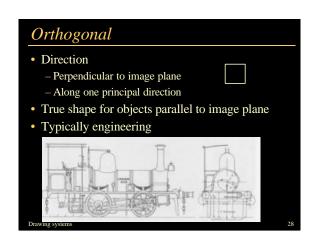


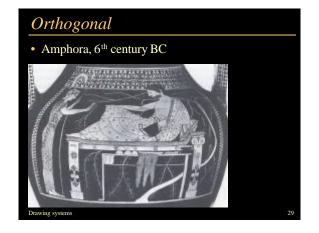


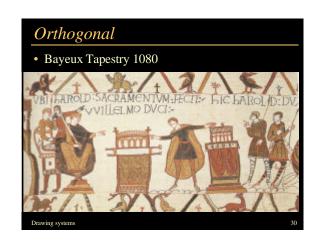
Parallel projections No foreshortening Can represent true shape Some are poor shape representations Projection direction Orthogonal to image plane or not Along one principal direction or not "Stretching" or not

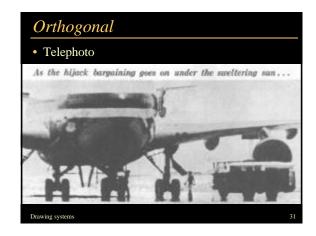


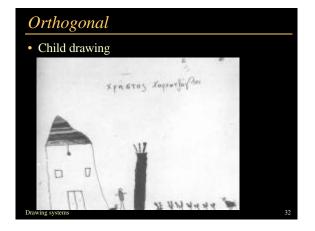


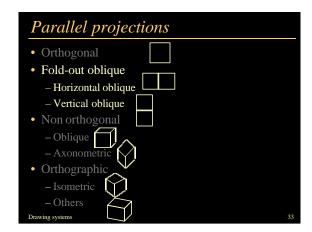


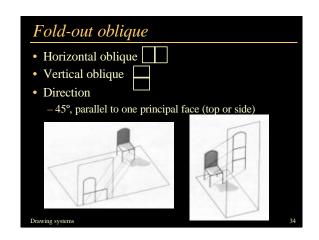












Fold-out oblique	
Horizontal oblique Vertical oblique Direction -45°, parallel to one principal face (top or side) Can be stretched for fold-out True shape for 2 directions Mainly interesting for secondary geometry	
Drawing systems	25

