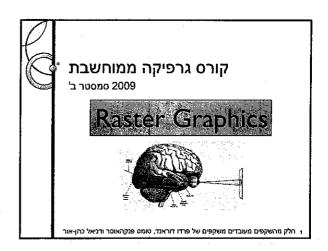
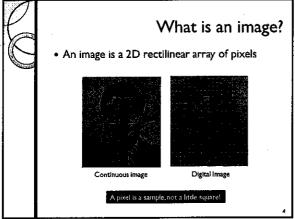
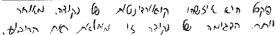


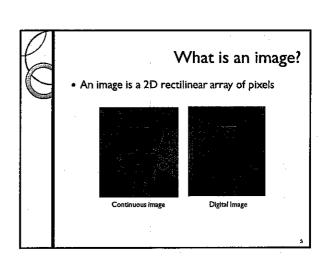
Overview

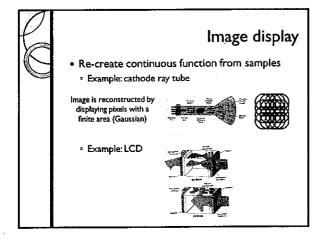
- Images
 - · What is an image?
- How are images displayed?
- Color models
 - · How do we perceive colors?
- · How can we describe and represent colors?











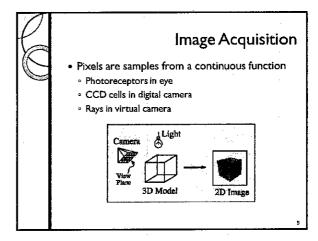




Image Resolution

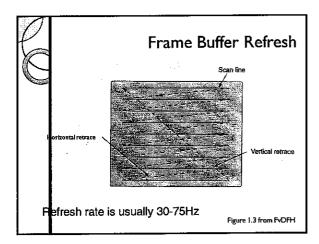
- Intensity resolution
 - Each pixel has only "Depth" bits for color/intensities
- · Spatial resolution
 - Image has only "Width" x "Height" pixels
- Temporal resolution
 - · Monitor refreshes images at only "Rate" Hz

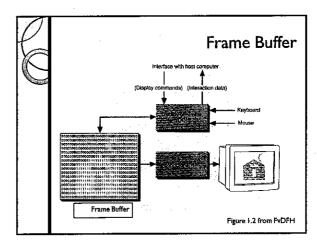
Display 23	Width x Height	Denth	Rate
NTSC	540 x 480	8	30
Workstation	1280 x 1024	24	75
Film	3000 x 2000	12	24
Laser Printer	6600 x 5100	1	
Portable devices (IPod)	320 x 200	24	-75



Display Hardware

- Video display devices
 Cathode Ray Tube (CRT)
- · Liquid Crystal Display (LCD)
- · Plasma panels
- Thin-film electroluminescent displays
 Light-emitting diodes (LED)
- Hard-copy devices
- Ink-jet printer
- Laser printer
- Film recorder
- · Electrostatic printer
- · Pen plotter

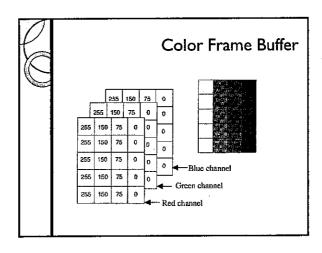






Overview

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