Computer Science E-1

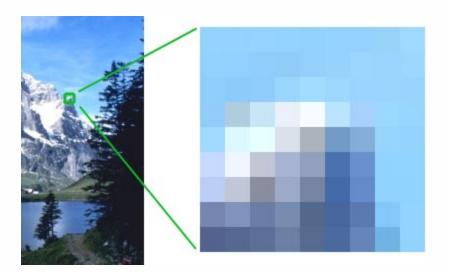
Understanding Computers and the Internet

Lecture 7: Multimedia

Wednesday, 1 November 2006

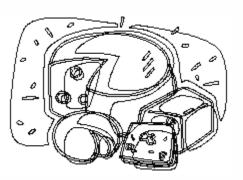
David J. Malan malan@post.harvard.edu

Bitmaps v. Vectors



Bitmaps v. Vectors





Bitmaps v. Vectors

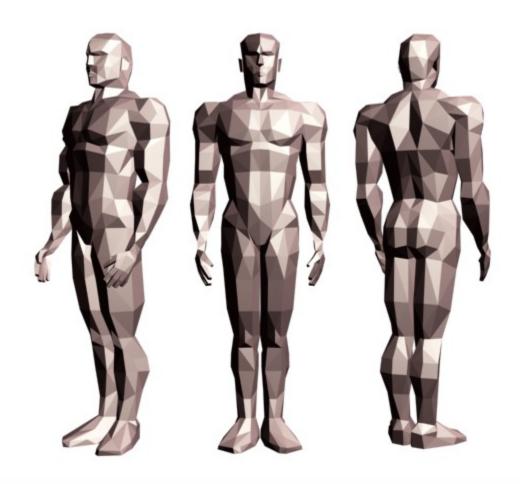
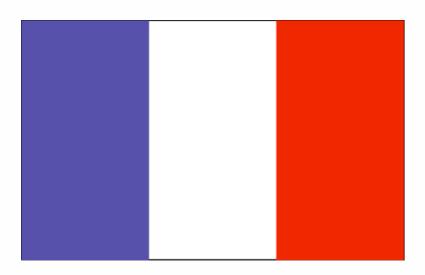


Image from http://merlin.zsnes.com/models2.html.

Compression

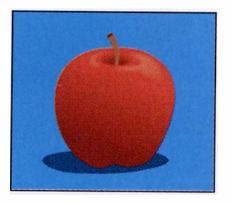


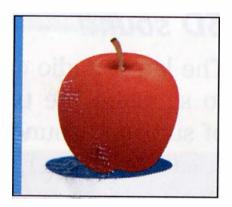


Images from http://www.worldatlas.com/webimage/flags/flagcnty.htm, copyright © Graphic Maps.

See http://entries.the5k.org/87/1.htm for discussion of GIF compression.

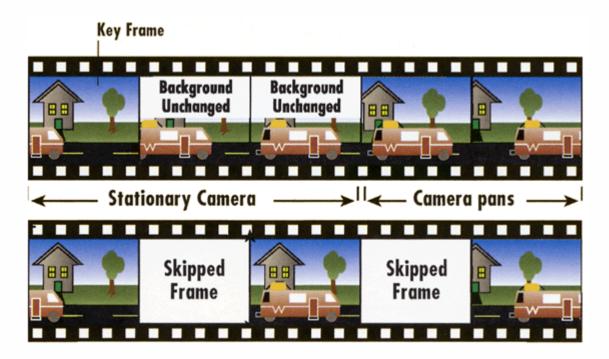
Compression





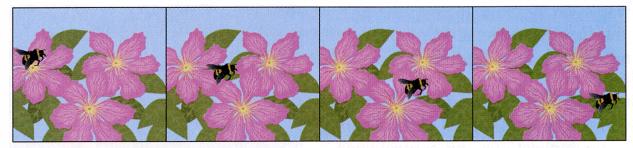
Video

Compression

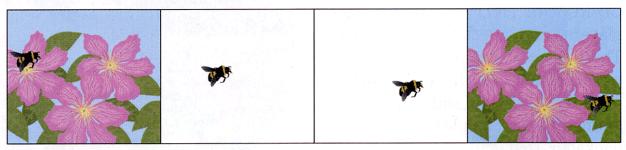


Video

Compression



Uncompressed video



Compressed video

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