Wild Dreams for Cameras

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Definitions

Visual Appearance: What we think we see.

(Consciously-available estimates of our surroundings, made from the light reaching our eyes)

Picture: A 'container' for visual appearance.

(something we make to hold what we see, or what would like to see)

Image: A copy of light intensities.

(Just <u>one kind</u> of picture, made by copying a scaled map of scene light intensities as a lens might)















Oh et. al, 2001: 2D→3D

- Manually Guided—7 Hours!
- ? Would a more varied for camera pose help?





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Results: boundary=depth discontinuity (Source data courtesy Ramesh Raskar, MERL)



