

Earliest Surviving Photograph (c.1826) Amelia North Northwen Nilston "Le point de vour de la fraêtre" e 1846. Photo in 1. Fac Garry Manuelle, from Amelia Northwent Nilston "Le point de vour de la fraêtre" e 1846. Photo in 1. Fac Garry Manuelle, from Amelia Northwent Nilston "Le point de vour de la fraêtre" e 1846. Photograph Northwent Nilston "Le point de vour de la fraêtre" e 1846. Amelia Northwent Nilston "Le point de vour de la fraêtre" e 1846. Amelia Northwent Nilston "Le point de vour de la fraêtre" e 1846. Amelia Northwent Nilston "Le point de vour de la fraêtre" e 1846.

Digital Imaging

First Digital Photograph (1957)

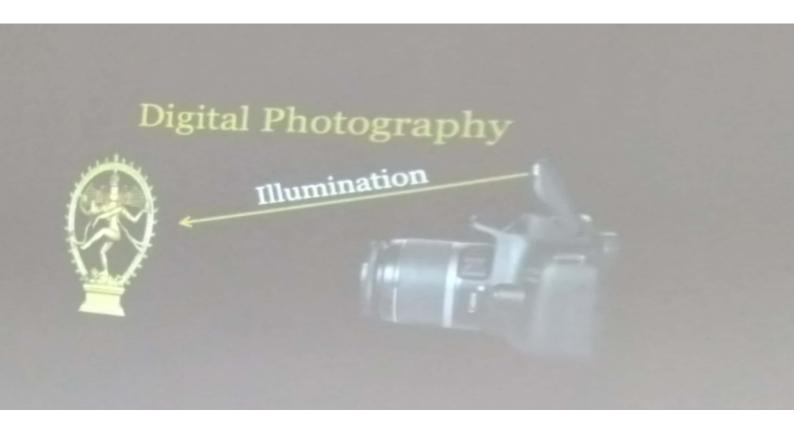


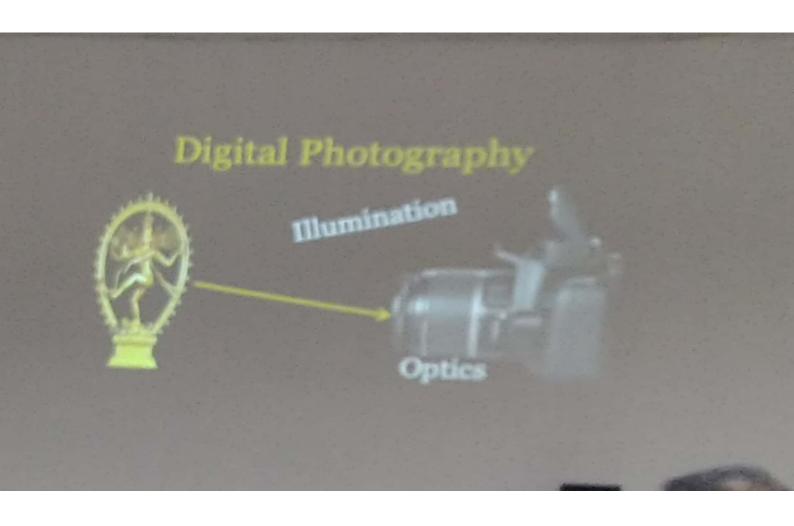
Resolution: 176x176, Russell Kirsch, "Walden", 1957, from petapixel

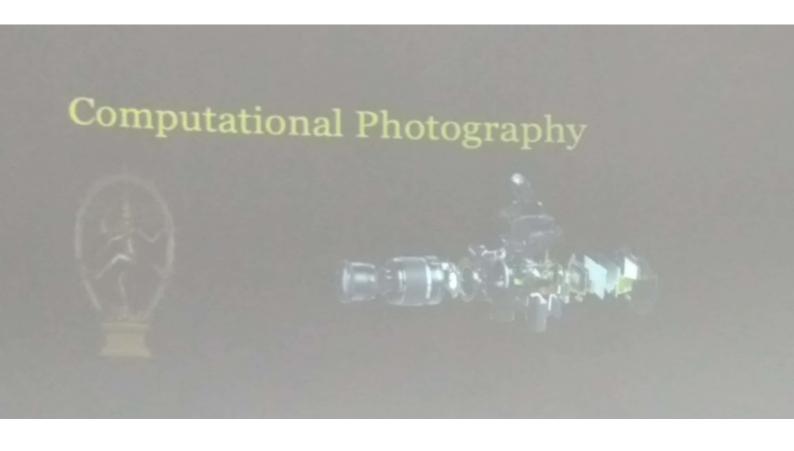
First Digital Camera (1975)

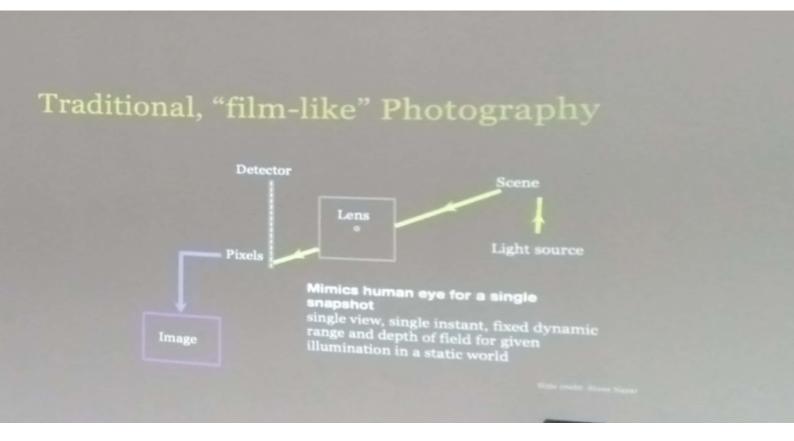


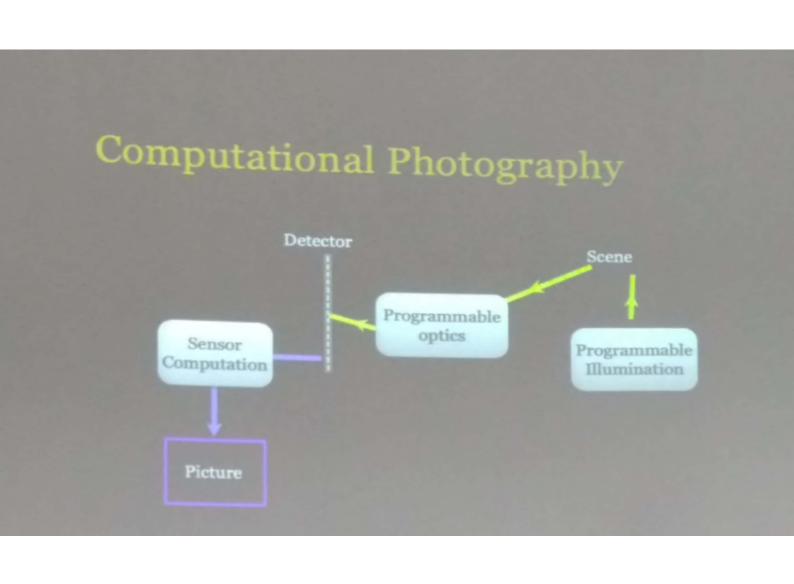
Course Kastman Kodak, Photo credit: Eastman Kodak

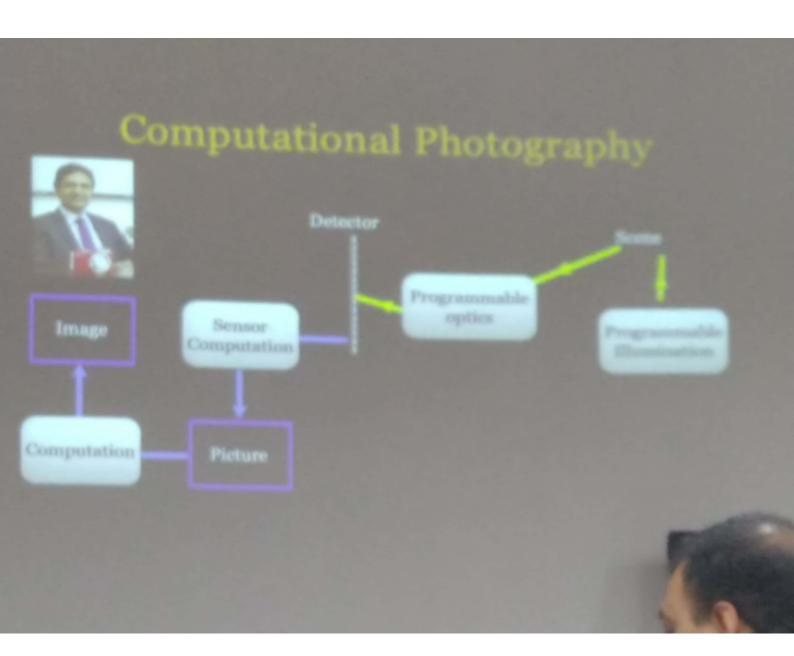












Separating Direct and Global Light

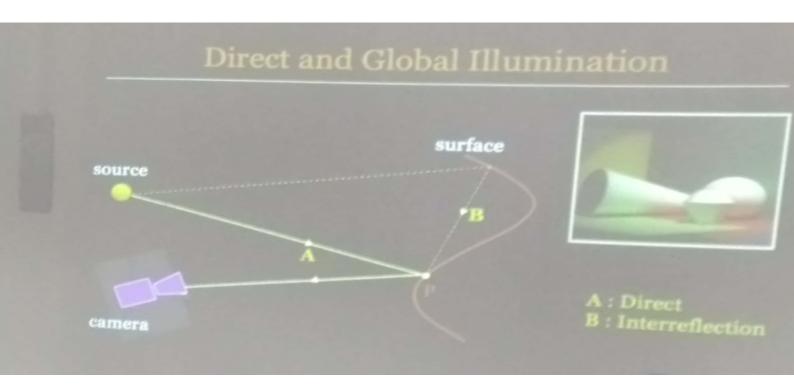
Shree K. Nayar, Guru Krishnan, Michael Grossberg, Ramesh Raskar, "Fast Separation of Direct and Global Components of a Scene using High Frequency Illumination", SIGGRAPH 2006.

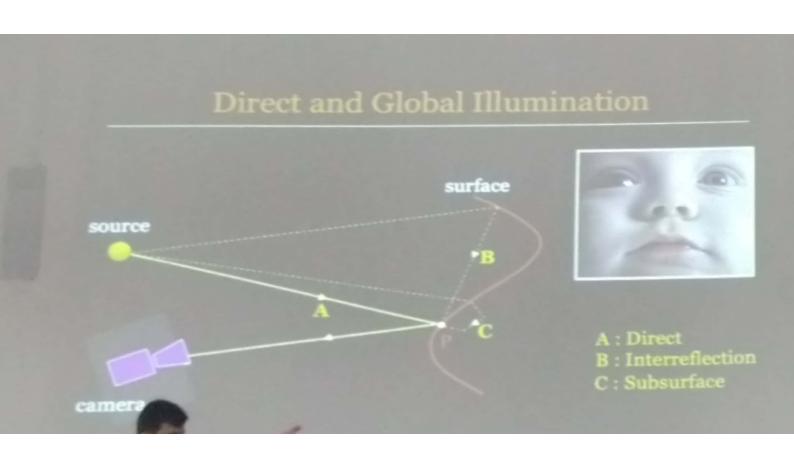


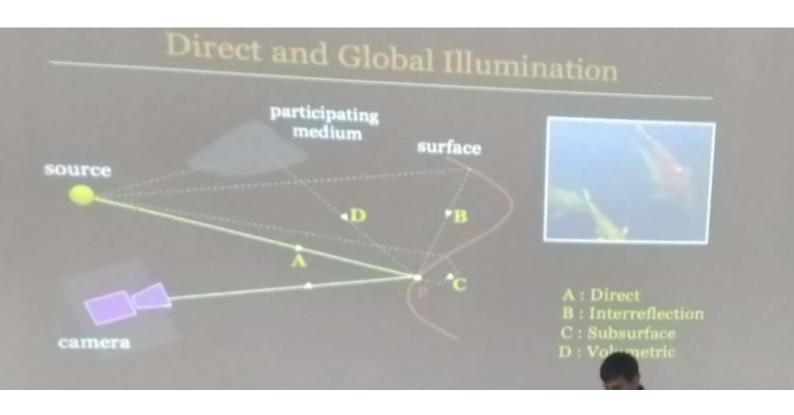


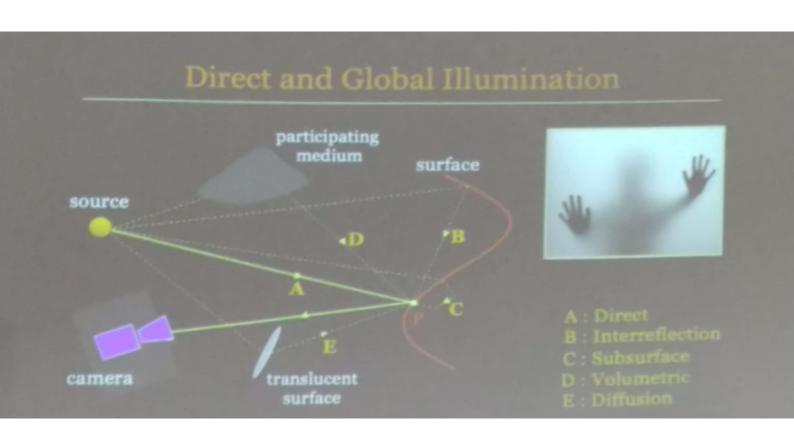


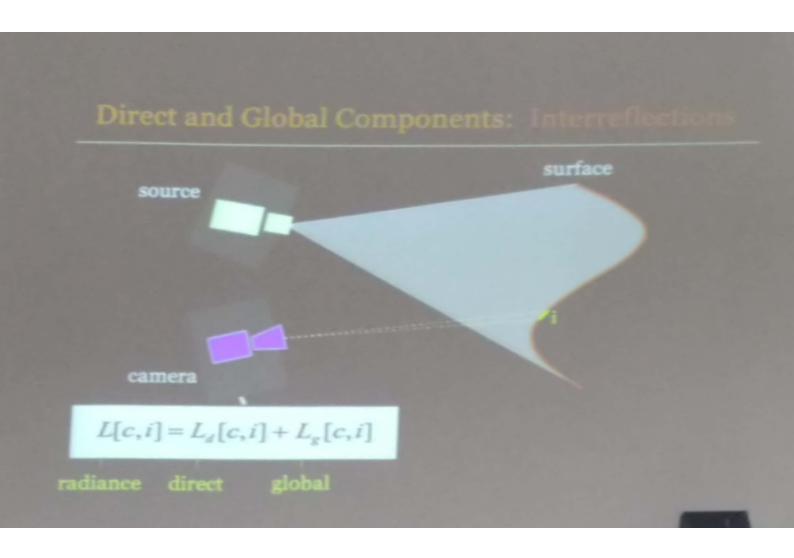


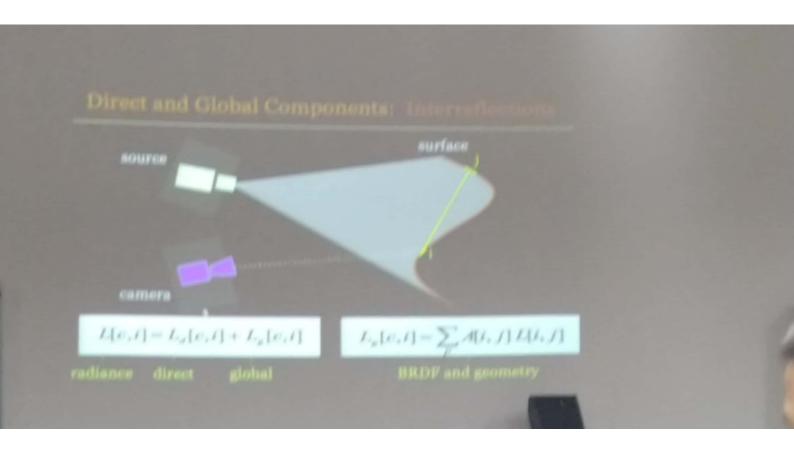


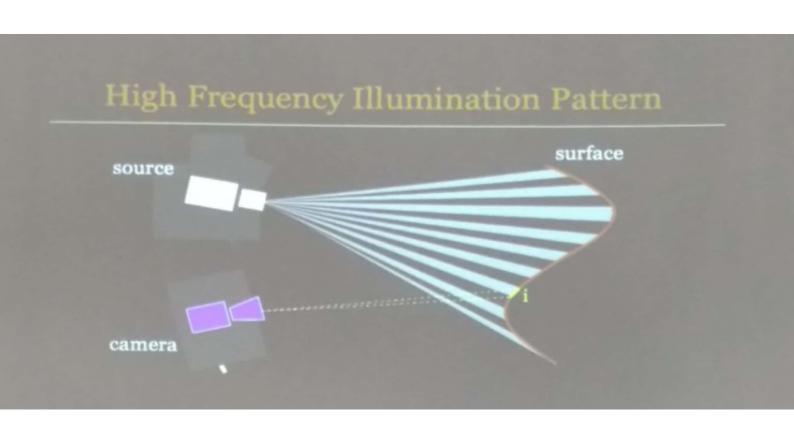


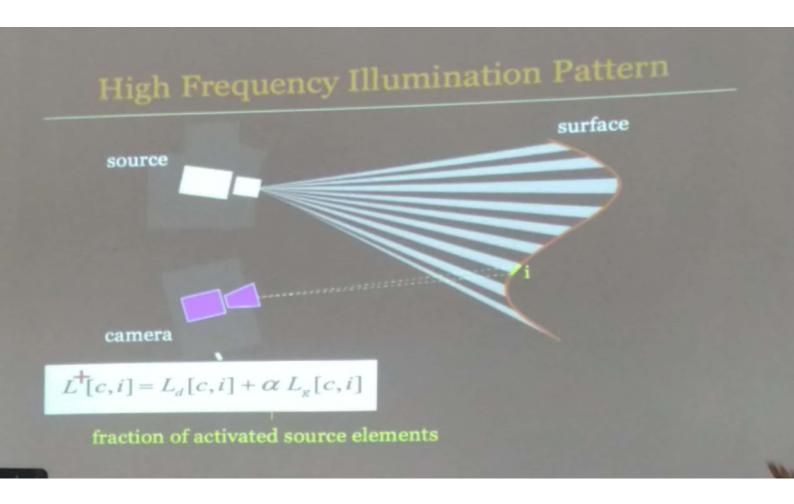


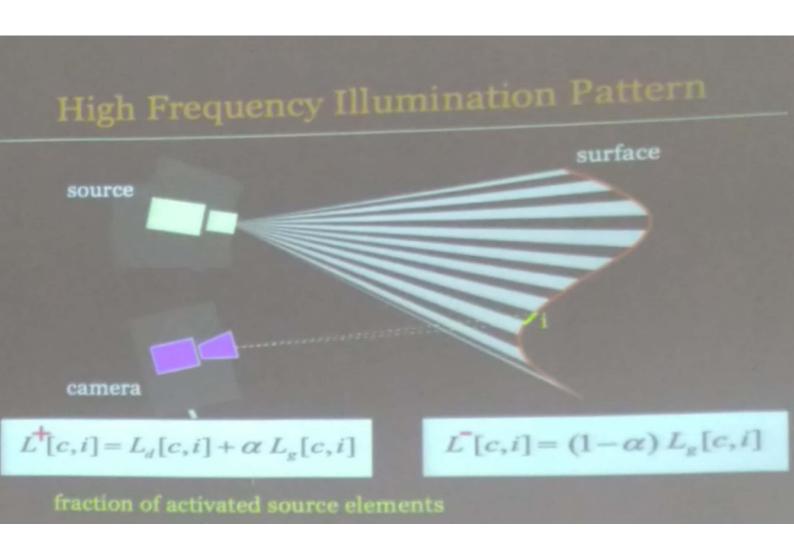


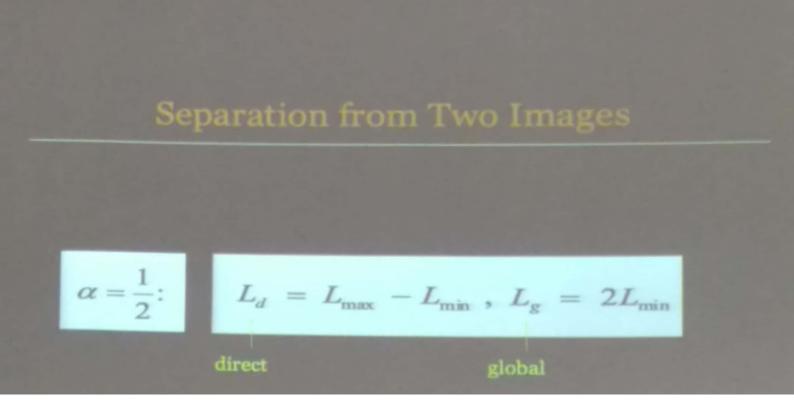




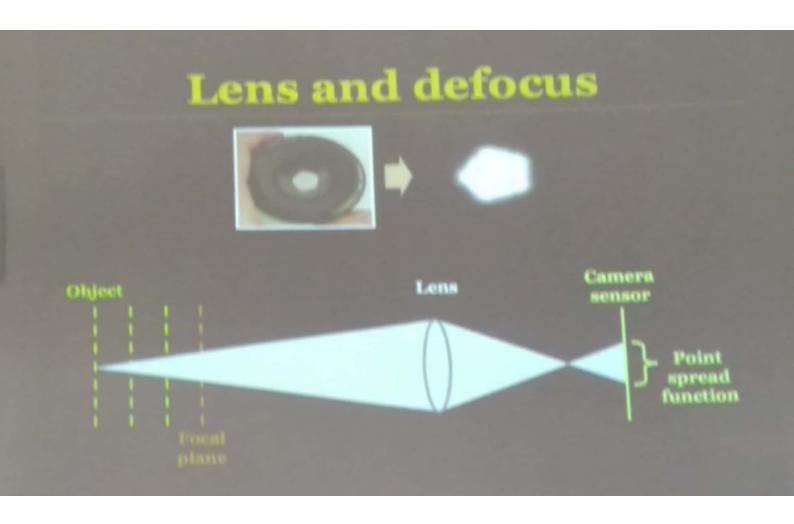


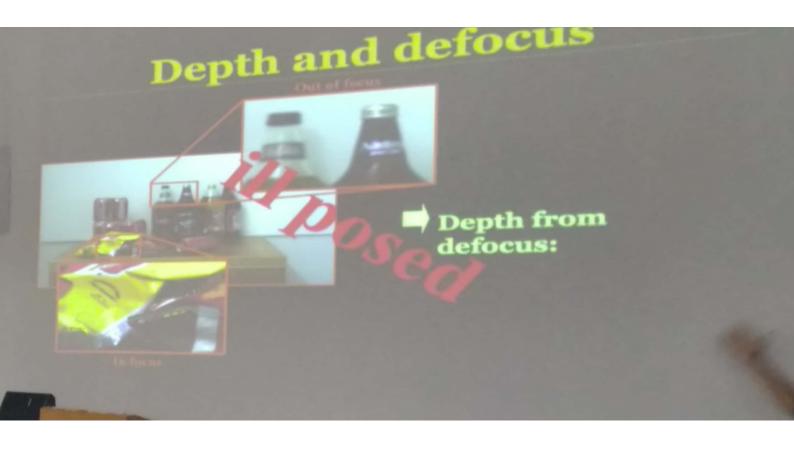


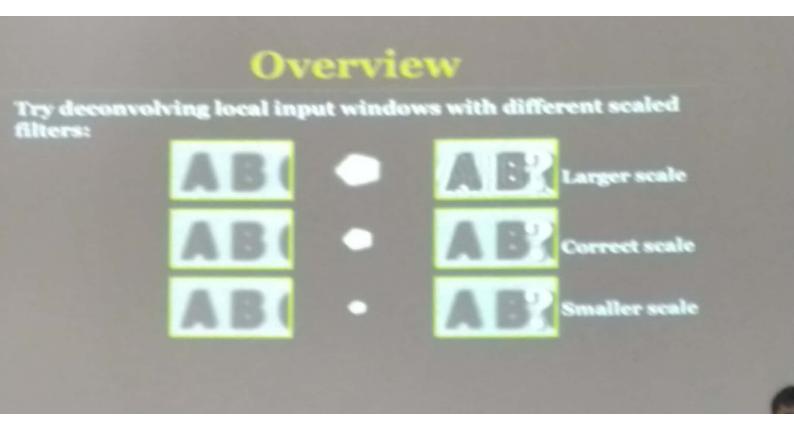


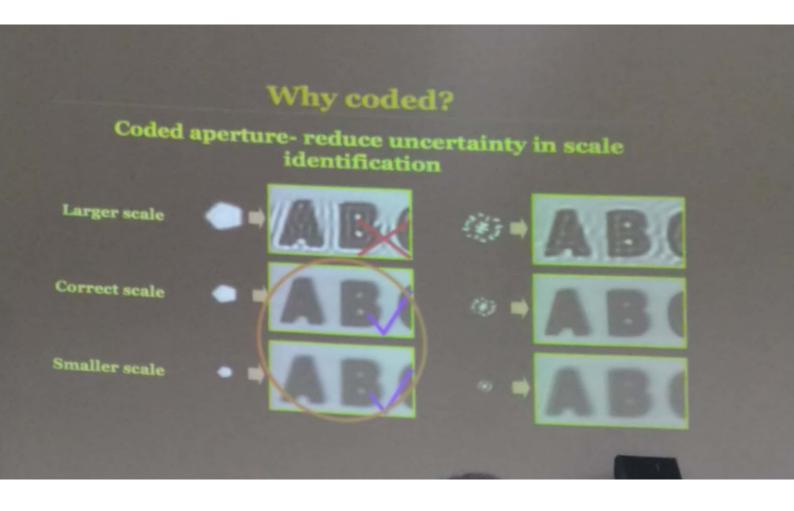


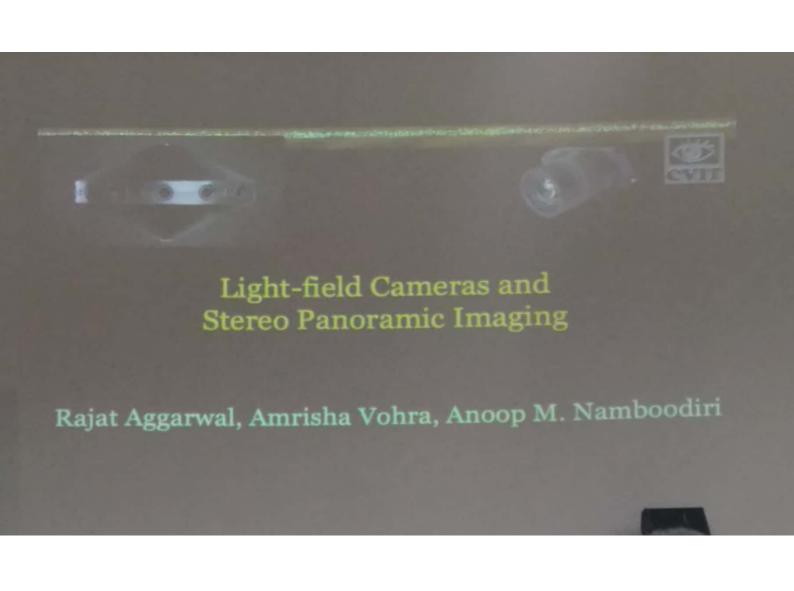


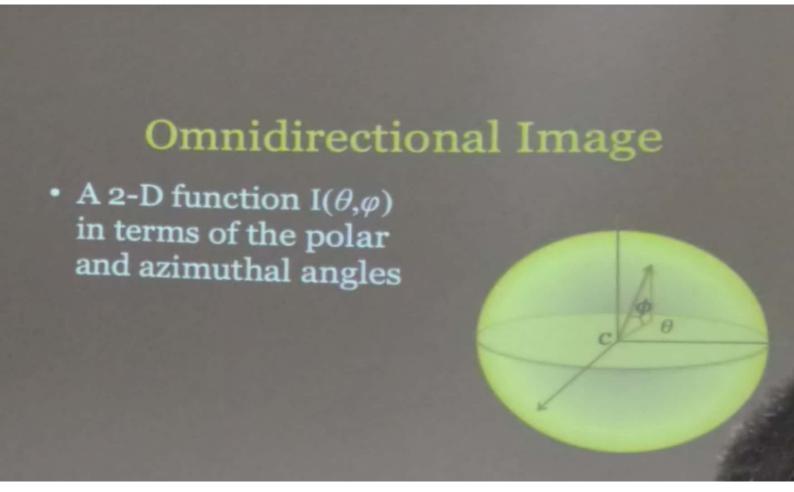












Omnidirectional Stereo

• For every pair of points: $((\theta_i, \varphi_i), (\theta_j, \varphi_j))$ on a sphere, we need to capture a light ray

