

Holographic **Store** age





Why do we store more and more?

What are holograms?

(think Star Wars)



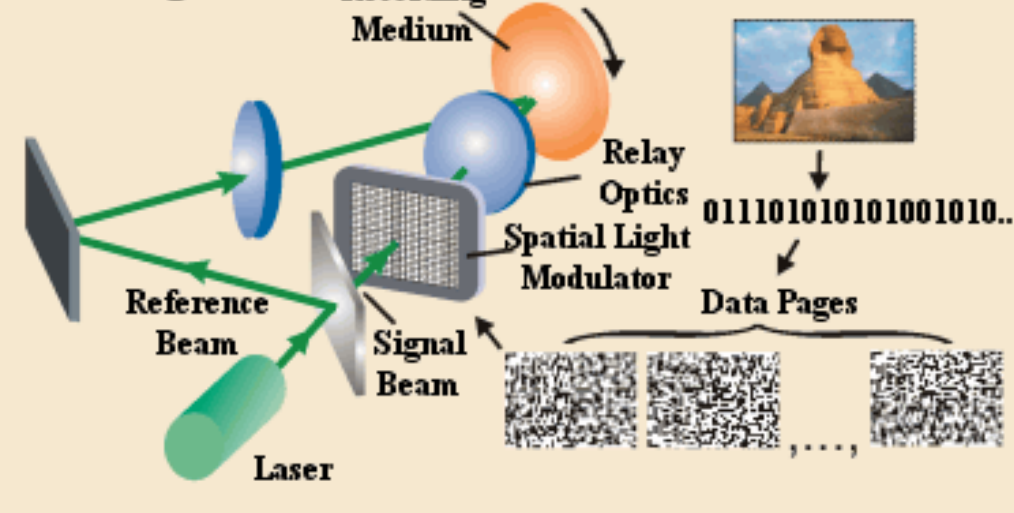


2D vs 3D storage

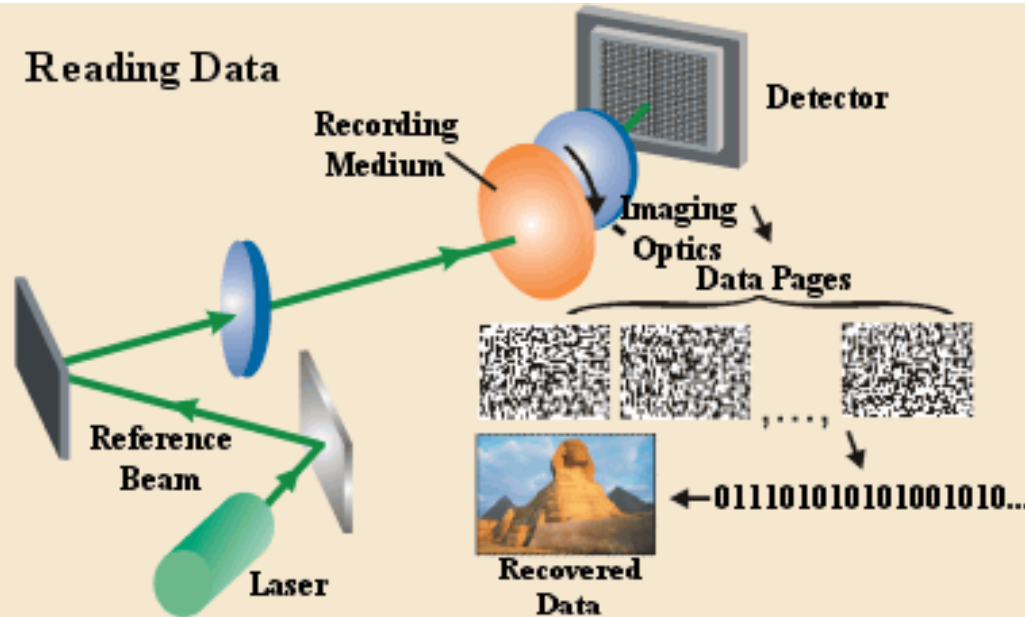
and how 2D affected 3D



Recording Data



Reading Data



The Process

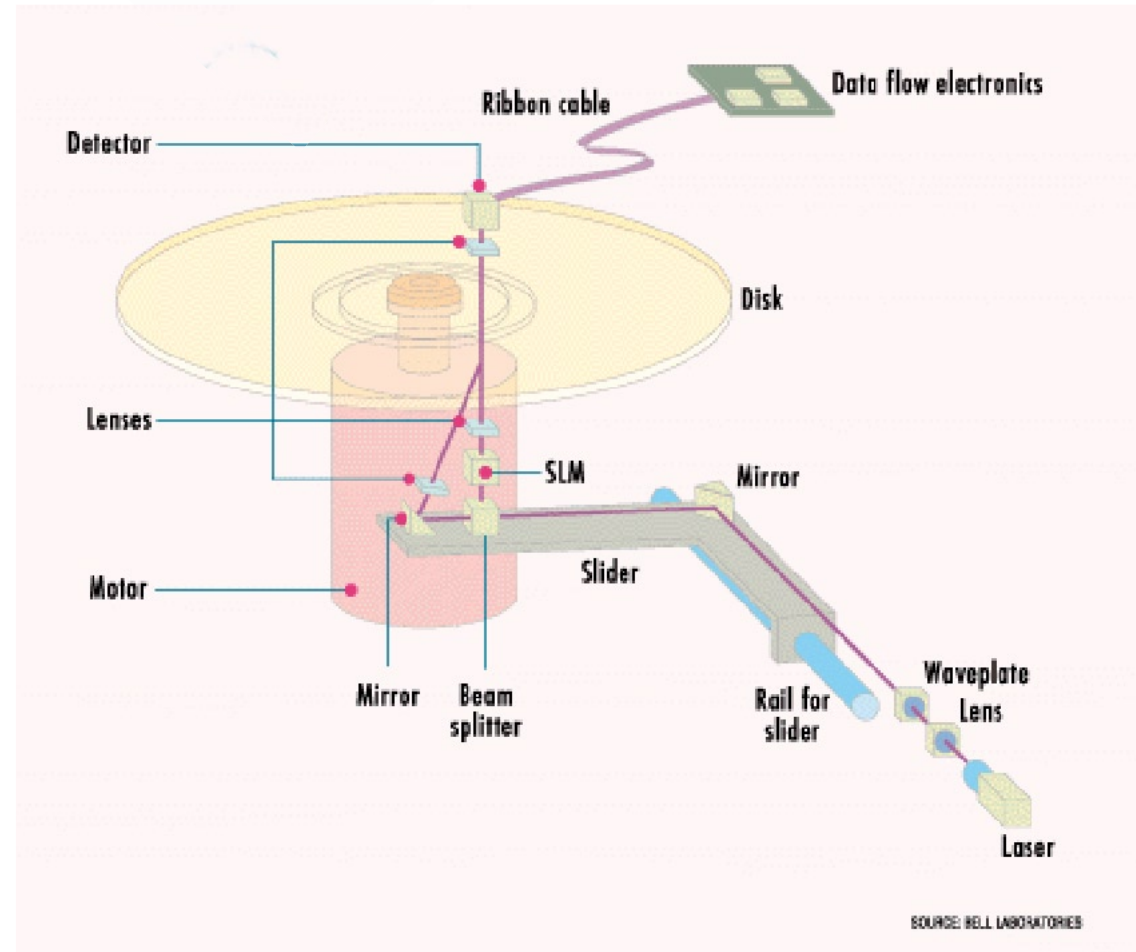


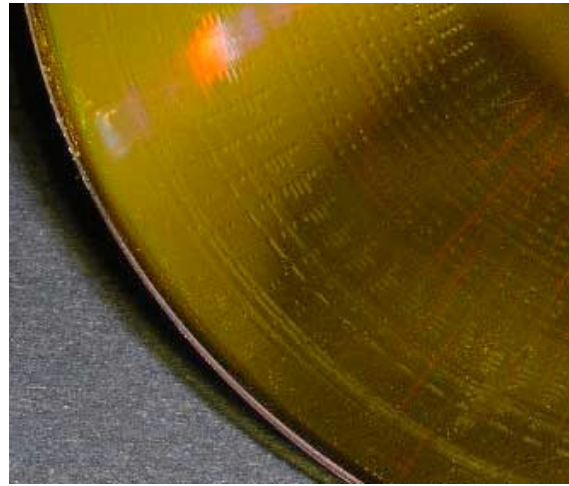
+ 'es and - 'es





Current Progress





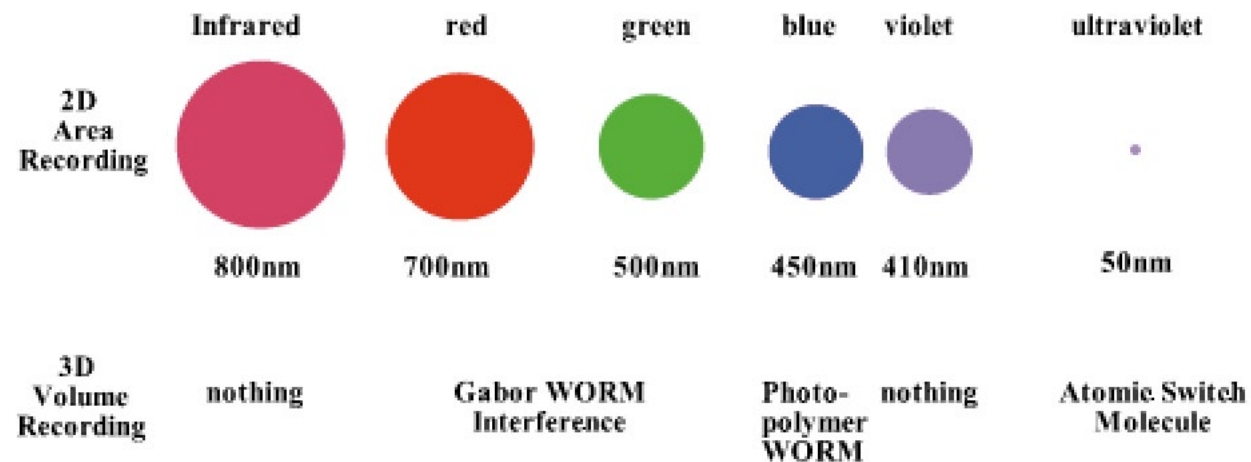
Optware



The Future?

Optical Density Roadmap Of Existing And Future Technologies

Optical diffraction limits the size of a focused laser beam to a spot of the order of the wavelength of the light used, therefore the wavelength limits the density of data storage.





Fin.