

PRESENT AND FUTURE DISPLAYS

SOME OF TODAY'S DISPLAY TECHNOLOGIES

LCD / TFT + cheap, life span – backlit, sensitive to angle, expensive in large sizes

Plasma + cheap in large sizes, contrast, response – burn in, life span, power consuming

CRT+ cheap, response – burn in, cumbersome, life span, power consuming

OLED + thin, response, viewing angles, power consumption – life span, price (so far)

LED or lamp arrays + large sizes, works in daylight – low resolution, expensive

LCD/DLP projectors + large sizes, safe mounting – life span, light path required

PRESENT AND FUTURE DISPLAYS

SOME EMERGING DISPLAY TECHNOLOGIES

SED + response, contrast, viewing angles – cost

Electronic paper + low power, works well in daylight, large sizes – color is difficult

Laser imaging + 3D possible – expensive, difficult to set up, does not work in daylight

Holographic technologies + 3D possible – complex technology

OTHER INTERESTING BITS OF TECHNOLOGY

– Various LED applications

– Creating collective images Photosynth, <http://www.ted.com/index.php/talks/view/id/129>

– Interactivity, motion sensors, paired with 3D technology