

2023-1 Computer Graphics Review_1st week

Introduction to rendering

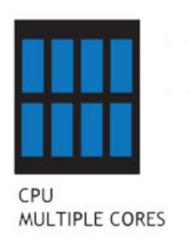


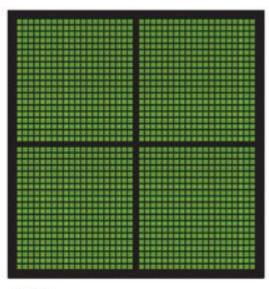


https://youtu.be/NEzJH-JrAdw

CPU vs. GPU







GPU THOUSANDS OF CORES

CPU vs. GPU

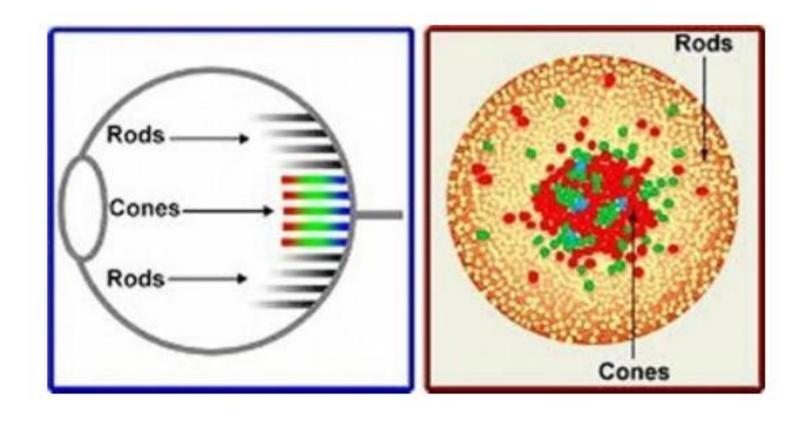




https://youtu.be/-P28LKWTzrl

Cones and Rods





Cones and Rods

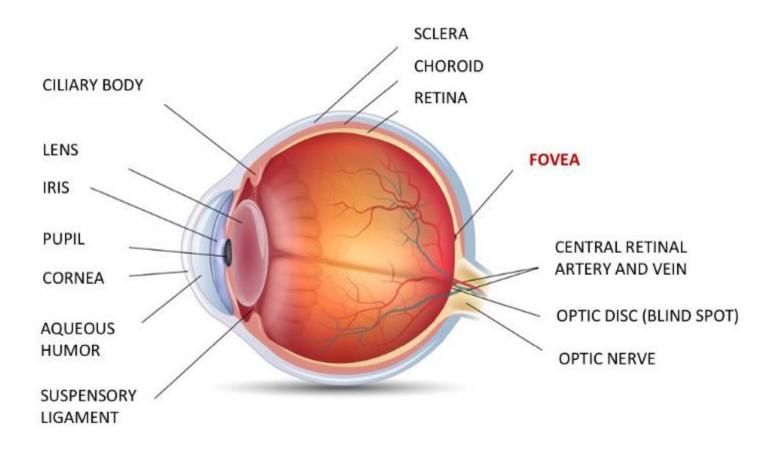




https://youtu.be/ ElAuQyw4uA

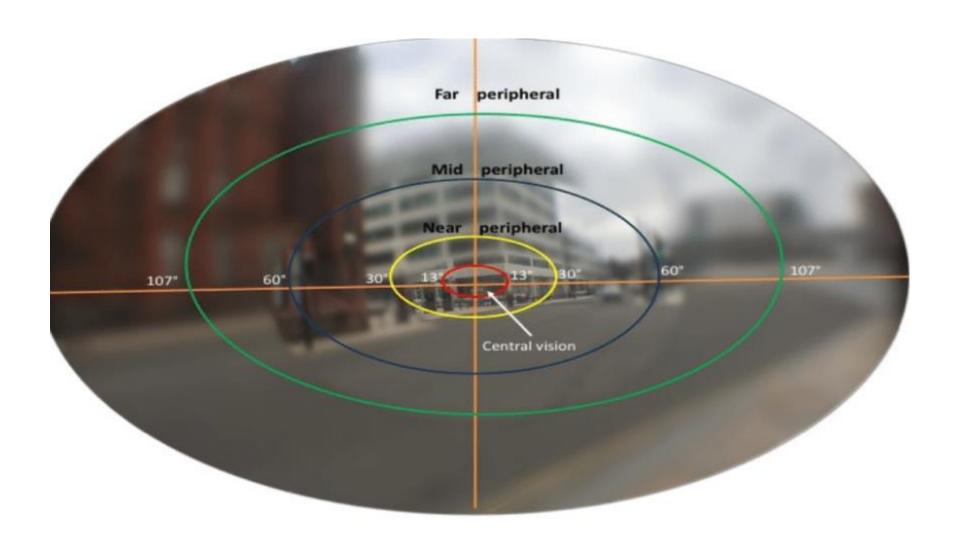


Field of View





Field of View











https://youtu.be/INX0wCdD2LA

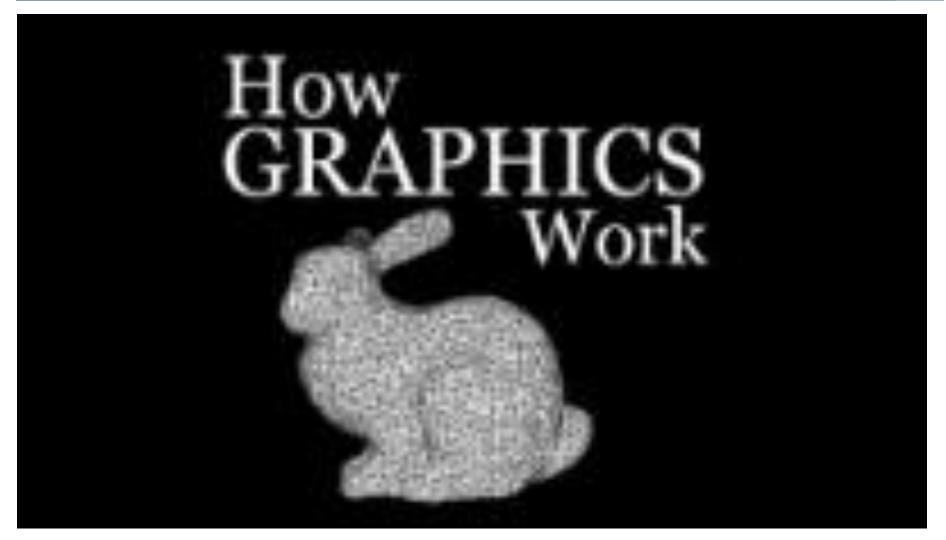
3D representation &primitives



How can we represent 3D objects?

3D representation &primitives

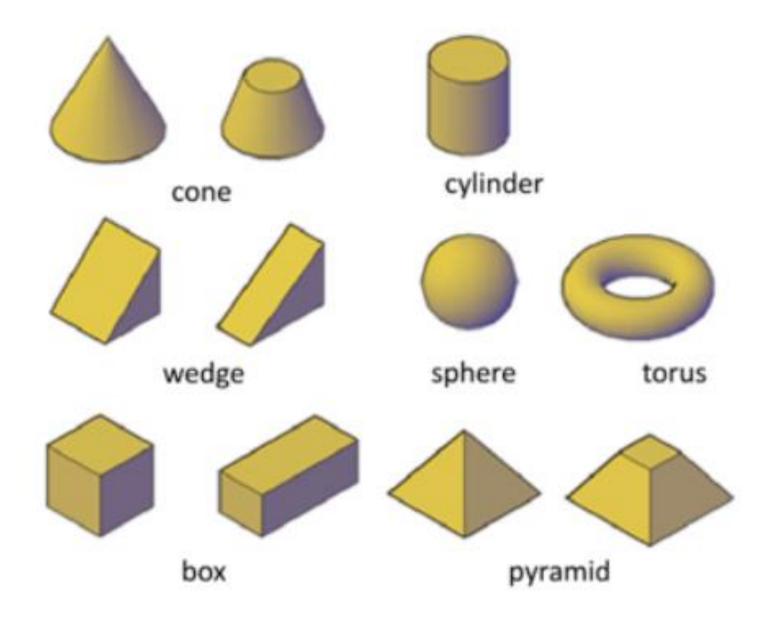




https://youtu.be/cvcAjgMUPUA

3D representation &primitives







Any other ways to represent a 3D object?