















The Z-Buffer Algorithm

Augment color framebuffer with Z-buffer

- Also called depth buffer

- Stores z value at each pixel

- At frame beginning, initialize all pixel depths to ∞

- When scan converting: interpolate depth (z) across polygon

- Check z-buffer before storing pixel color in framebuffer and storing depth in z-buffer

- don't write pixel if its z value is more distant than the z value already stored there



















































































































































