Ray Tracing

Turner Whitted – the guy who invented ray tracing.

Why ray tracing is popular:

🡪 Ray tracing produces nice images, but took lots of time. Every 18 months computer speed doubles.

🡪 Software is pretty simple.

Y(t) = 3t+2

X(t) = 2t-2

Parametric equation for a line in three dimension.

Z(t) = 7t+2

A way to do it in Java: create a class that handles (x,y,z)