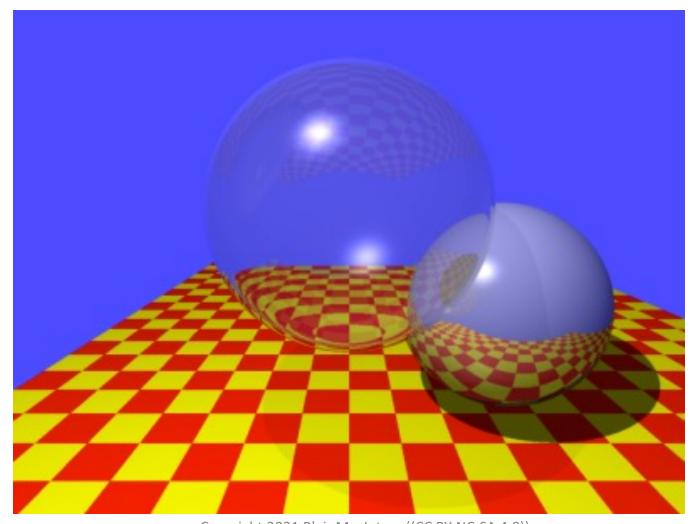
# 14 – raytracing (2)

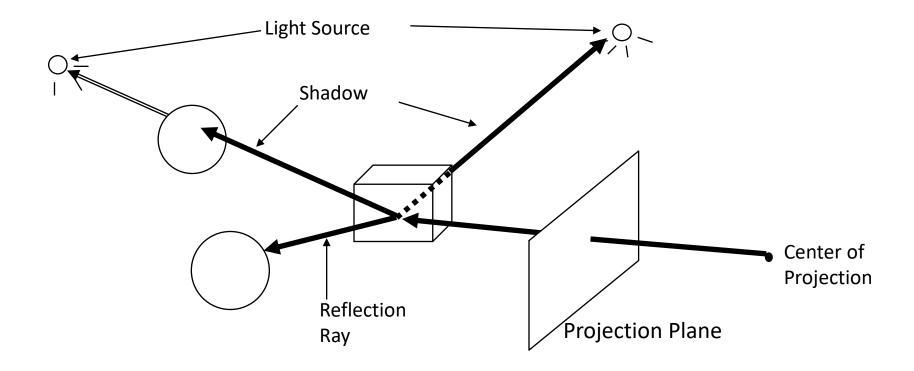
# Computing Plane Intersection: Implicit Line and Plane Equations

## What about these other rays?



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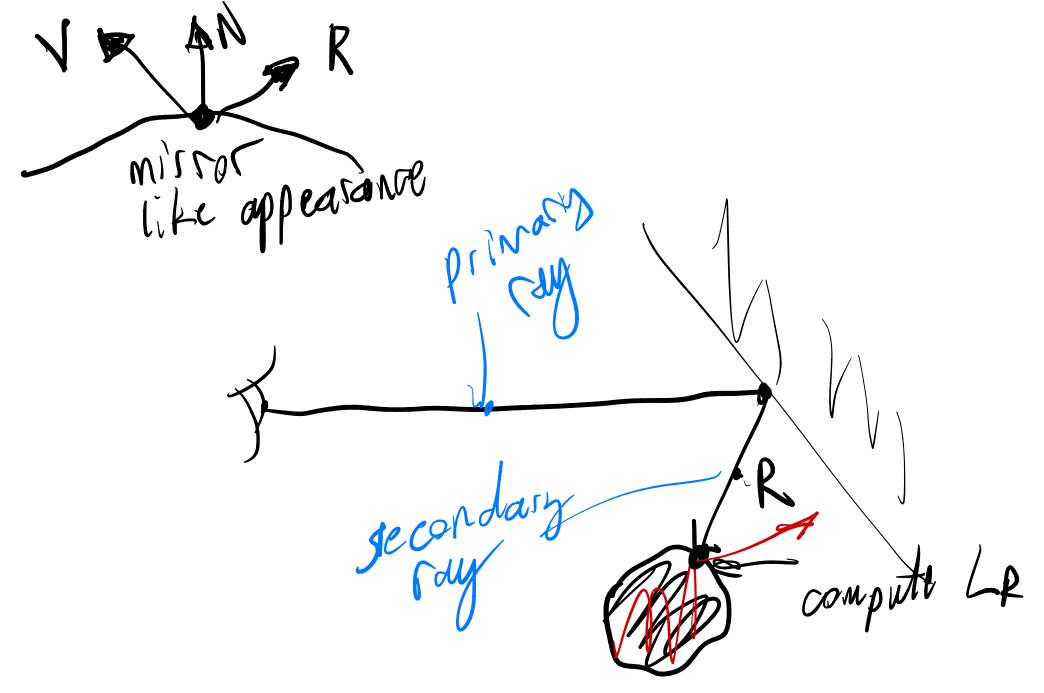
### Basic Idea



Illumination of a point

previous eg

$$L = k_a I_a + k_s L_r + k_s L_t + \sum_{1 \le i \le N} S_i I_i \left[ k_d (N \cdot L_i) + k_s (R_i \cdot V)^{p_i} \right]$$
reflected refractal



ambient + diffuse + specular + kr Lr + ke Lt how reflective? shoot Ray (R) -> L how trans 0.052 When to stop?

1) set max recursive step

2) contribution of ray is small

#### Diffraction and Reflection

