

















*Direct illumination: test the visibility of each source by shooting a shadow ray towards it. Only sources which are found visible are summed in the shading model. *Reflected/refracted illumination: a recursive call to TraceRay with the reflected/refracted ray as argument.

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Advantages of Ray Tracing Algorithm

Computes global illuminations effects:
Shadows
Reflections
Refractions
Computes visibility and shading at once
Consistent and easy implementation
Can be extended easily
Can be parallelized

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