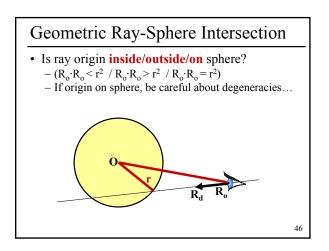
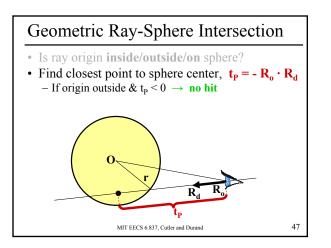
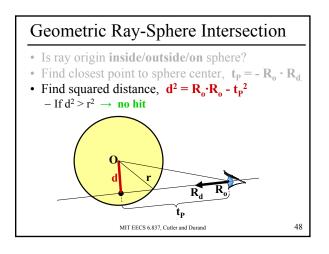


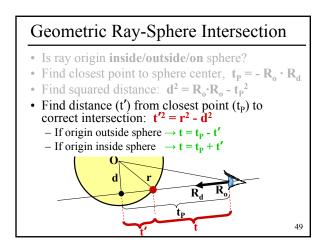
Geometric Ray-Sphere Intersection Shortcut / easy reject What geometric information is important? Ray origin inside/outside sphere? Closest point to ray from sphere origin? Ray direction: pointing away from sphere?

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Geometric vs. Algebraic • Algebraic is simple & generic • Geometric is more efficient - Timely tests - In particular for rays outside and pointing away

