

Caustics of Plane Curves

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In my presentation, I would like to discuss the formation of caustics of curves. I will examine the method of determining the point on the caustic corresponding to a particular point of reflection on the "mirror" curve from the stationary light source. Additionally, I will discuss singularities of caustics and the situations which give rise to them. Using these methods, I will present an example to illustrate the results given during the presentation.