

Abstract Submitted  
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**Visualization of Scattering in Two Dimensions** SAVANNAH LOGAN, University of Oklahoma — This presentation examines two-dimensional scattering for three potentials in both classical mechanics and quantum mechanics. The connection between classical mechanics and quantum mechanics in scattering theory is explored through two-dimensional visualizations of scattering and comparisons of classical and quantum cross sections. We have used the program Mathematica to calculate cross sections and create figures.

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