



UNIVERSITY OF MIAMI
COLLEGE of
ARTS & SCIENCES

Miami Physics Conference 2023

Date: Dec 13-19, 2023
Location: LagoMar Resort
Affiliation: University of Miami

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Scale Invariant Scattering Revisited

Abstract

In 2 spatial dimensions, non-relativistic scattering by a potential $V = k/r^2$ is considered in detail. The differential and integrated cross sections lead to some interesting results in analytic number theory.