

Abstract Submitted
for the DNP13 Meeting of
The American Physical Society

Scattering in the Euclidean formulation of relativistic quantum mechanics¹ WAYNE POLYZOU, University of Iowa — Euclidean relativistic quantum mechanics is a formulation of relativistic quantum mechanics based on the Osterwalder-Schrader reconstruction theorem that exploits the logical independence of locality from the rest of the axioms of Euclidean field theory. I discuss the properties of Euclidean Green functions necessary for the existence of Møller wave operators and the construction of these wave operators in this formalism.

¹Supported by the US Department of Energy, Grant - DE-AC02-81ER40038

Wayne Polyzou
University of Iowa

Date submitted: 27 Jun 2013

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