

Møller Scattering: a Neglected Application of Early Quantum Electrodynamics

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Introduction*

The first attempts to build a quantum and relativistic theory of electromagnetic interactions date back to the mid-twenties, though not until the full

* In an article recently published in this *Archive*, HELGE KRAGH has analyzed the background and development of CHRISTIAN MØLLER's work on electron scattering in the early thirties. The fact that most of my paper was written while I was unaware of KRAGH's work, accounts for the similitudes. This article complements that of KRAGH in that MØLLER's actual deduction of his scattering formula, as well as its experimental test, are analyzed in greater detail.