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Electron Structure in Light Front QED Model

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In the present work, we discuss about the internal structure of the electron. The physical electron is considered as a composite system of a bare electron and photon. We mainly discuss about the Wigner distributions, gravitational form factors and mechanical properties of the electron. Results are obtained from the overlap of light-front wave functions in light-front QED model.

Author: KUMAR, Narinder (Doaba College)

Co-author: Dr MORE, Jai (INDIAN INSTITUTE OF TECHNOLOGY BOMBAY)

Presenter: KUMAR, Narinder (Doaba College)

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