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Author: Jha, Pankaj K.; Eleuch, Hichem; Rostovtsev, Yuri V.

Short title: Analytical solution to position dependent mass Schrödinger equation.

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Review text:

An extremely elementary, sophomore-level exercise in a systematic iterative adiabatic-approximation solution of a linear ODE of the second order (called “analytical solution” by the authors). The physical time-independent interpretation as given in the title is paralleled by the other, formally identical time-evolution ODE description of a schematic two-level atom.