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Review text: Author describes an interesting relation between some elementary wavefunctions of quantum mechanics and the Heun's differential equation. Starting, in fact, from the confluent hypergeometric Schroedinger equation, he Laplace-transforms the related differential equation for the squares of its bound-state solutions and relates the Taylor coefficients of the latter regular functions u(p) to the diagonal moments of the original physical wavefunctions. In this way, he obtains the three-term recurrences suitable for computation of the moments. As a byproduct of the construction he emphasizes the fact that the equation for u(p) is the biconfluent Heun equation.