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Review text:

This paper is a list of formulae useful for purposes of teaching quantum mechanics and/or of its simple phenomenological applications. The text represents a continuation of a very long series published recently by my friend C-S Jia with co-authors and describing various applications of the so called Green-Liouville transformation of the Gauss' hypergeometric equation (with Jacobi-polynomial solutions) into various types of the ordinary differential Schrödinger equation. To all these carefully presented lists of formulae I would only like to add that the origin of the method dates back to the very old J. Liouville's paper in J. Math. Pures Appl. 1 (1837) 16 and that one of its key applications in quantum physics is the WKB solution method.