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Title: The dilogarithm function and the Abel functional equation

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In the literature, mostly the identities, the applications and the special values of the dilogarithm functions are investigated. In this note, we deal with the problem of the connection between a famous identity, namely the so-called Abel equation, and the dilogarithm functions, and show the close connection between the dilogarithm functions and the measurable solutions of the Abel equation.

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