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Title:	Integration in finite terms with dilogarithmic integrals, logarithmic integrals and error functions
Authors:	Kaur, Yashpreet (/jspui/browse?type=author&value=Kaur%2C+Yashpreet) Srinivasan, V.R. (/jspui/browse?type=author&value=Srinivasan%2C+V.R.)
Keywords:	Differential fields Differential algebra Integration in finite terms Elementary functions Liouville's Theorem
Issue Date:	2019
Publisher:	Elsevier
Citation:	Journal of Symbolic Computation, 94, pp. 210-233.
Abstract:	We extend the theorem of Liouville on integration in finite terms to include dilogarithmic integrals, logarithmic integrals and error functions along with transcendental elementary functions. We also generalise a result of Baddoura on integration in finite terms with dilogarithmic integrals.
URI:	https://www.sciencedirect.com/science/article/pii/S0747717118300956 (https://www.sciencedirect.com/science/article/pii/S0747717118300956) http://hdl.handle.net/123456789/1881 (http://hdl.handle.net/123456789/1881)
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