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| Title: | Integration in finite terms: dilogarithmic integrals |
| Authors: | Kaur, Yashpreet (/jspui/browse?type=author&value=Kaur%2C+Yashpreet) Srinivasan, Varadharaj R. (/jspui/browse?type=author&value=Srinivasan%2C+Varadharaj+R.) |
| Keywords: | Integration dilogarithmic |
| Issue Date: | 2021 |
| Publisher: | Springer link |
| Citation: | Applicable Algebra in Engineering, Communication and Computing. |
| Abstract: | We extend the theorem of Liouville on integration in finite terms to include dilogarithmic integrals. The results provide a necessary and sufficient condition for an element of the base field to have an antiderivative in a field extension generated by transcendental elementary functions and dilogarithmic integrals. |
| Description: | Only IISER Mohali authors are available in the record. |
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