

Doubly periodic Riemann boundary value problem for non-rectifiable curves

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Abstract

© 2015, Pleiades Publishing, Ltd. The known results on the doubly periodic Riemann boundary value problem concern the case of piecewise-smooth contours. In the present paper we study it for non-rectifiable curves in terms of so called Marcinkiewicz exponents.

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Keywords

doubly periodic functions, Marcinkiewicz exponents, non-rectifiable curve, Riemann boundary value problem