Abdelmalek, Nabih N.


The author proposes two algorithms for constructing a piecewise linear $L_1$ approximation of a given plane curve. They are similar to those published by the same author [ibid. 14, 425-435 (1983; Zbl 0506.65008)] and treating the piecewise approximation in the Chebyshev norm. The algorithms use parametric linear programming techniques.

Reviewer: B.D. Bojanov

MSC:

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41A15 Spline approximation

Keywords:
piecewise linear $L_1$ approximation; plane curve; Chebyshev norm

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References:


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