

MSC: 65D05

DOI: 10.21538/0134-4889-2018-24-4-80-84

LINEAR INTERPOLATION ON A TETRAHEDRON

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The standard method for the linear interpolation on a tetrahedron of a function with continuous second-order partial derivatives bounded by a given constant is considered. Estimates of the approximation of first-order derivatives that are more exact than the known estimates are derived.

Keywords: multidimensional interpolation, finite elements.

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Received September 18, 2018

Revised October 18, 2018

Accepted October 22, 2018

Funding Agency: This work was supported by the Russian Science Foundation (project no. 14-11-00702).

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Cite this article as:

N. V. Baidakova. Linear interpolation on a tetrahedron, *Trudy Inst. Mat. Mekh. UrO RAN*, 2018, vol. 24, no. 4, pp. 80–84.