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MSC: 65D07

THE GENERAL PROBLEM OF POLYNOMIAL SPLINE INTERPOLATION¹

Yu. S. Volkov

We study the general problem of interpolation by polynomial splines and consider the construction of such splines using the coefficients of expansion of a certain derivative in B -splines. We analyze the properties of the obtained systems of equations and estimate the interpolation error.

Keywords: polynomial splines, interpolation, construction algorithms.

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Yu. S. Volkov, Dr. Phys.-Math. Sci., Sobolev Institute of Mathematics, Siberian Branch of the Russian Academy of Sciences Sciences, Novosibirsk, 630090 Russia; Novosibirsk State University, Novosibirsk, 630090 Russia, e-mail: volkov@math.nsc.ru .

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