

**BEST ERROR BOUNDS FOR THE DERIVATIVE OF  
A QUARTIC INTERPOLATION SPLINE***Yu. S. Volkov*

For a quartic  $C^2$ -spline, G. Howell and A. Varma established the best estimate for an error of interpolation of a smooth function. The article provides an answer to their question on estimating the derivative. We obtain an estimate for the error of approximation to the derivative with a sharp constant.

*Key words and phrases:* quartic spline, interpolation, sharp constant.

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Received

November 21, 1996

Translated into English:

*Siberian Advances in Mathematics*, V. 9, N 2, 140–150 (1999).