

Dagnino, C.; Demichelis, V.; Lamberti, Paola; Pittaluga, G.; Sacripante, L.

On univariate and bivariate polynomial spline approximation. (English) Zbl 0981.65020

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The authors consider univariate and bivariate spline approximation. Many results of this paper were published previously. MATLAB software for quadratic quasi-interpolating C^1 -splines on a type-2 triangulation is presented, too.

Reviewer: [Manfred Tasche \(Rostock\)](#)

MSC:

[65D07](#) Numerical computation using splines

[41A15](#) Spline approximation

[65Y15](#) Packaged methods for numerical algorithms

Keywords:

quasi-interpolation; MATLAB software; univariate and bivariate spline approximation; triangulation

Software:

[Matlab](#)