Polynomialspace and Multi-dimensional Interpolation implemented with C++

IWR

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Contents

1 Interpolation

1.1 2D Newton Interpolation

The interpolation problem states as follow:

Compute polynomial $p(x, y)$ fulfilling the conditions of a given data set. A data set consists of points (x_i, y_i) and the corresponding function values $f(x_i, y_i)$.