
Cubic Spline From Wolfram Mathworld

interpolation by splines - uh - interpolation by splines key words. interpolation, polynomial interpolation, spline. goal. understand what splines are why the spline is introduced approximating functions by splines we have seen in previous lecture that a function $f(x)$ can be interpolated at $n+1$ points in an interval $[a;b]$ using a single polynomial $p_n(x)$ defined over the ... **department of mathematical sciences norwegian university** ... - cubic spline - interpolation given $(x_i, y_i)_{i=0}^n$. task: find $s(x)$ such that it is a cubic spline interpolant. • the requirement that it is to be a cubic spline gives us $3(n-1)$ equations. • in addition we require that $s(x_i) = y_i, i = 0, \dots, n$ which gives $n+1$ equations. • this means we have $4n-2$ equations in total. • we have ... **gej**
@ul3c~6 ck