

3) End points $f''(x_0) = 0$ $f''(x_N) = 0$ We have 4N unknowns As, Bs, Cs, Ds 0< j < N-1 From 1 2N equations 2 2N-2 equations 3 z equations 4N equations & 4N unknowns. () one can prove you get a single unque solution. Example on sogenath. Note: The cubic spline through the Data points is the unique counte y=f(x) that has the minimum value of I max x (f"(x))2dx

C'éleast curved" function.