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function p=newtonPoly(a,xData,x) % Returns value of Newton's polynomial at x. %USAGE:p=newtonPoly(a,xData,x) % a = coefficient array of the polynomial; % must be computed first by newtonCoeff. % xData = x-coordinates of data points. n = length(xData); p = a(n); for k=1:n-1; p = a(n-k) + (x - xData(n-k))^p; end.

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Solve equations numerically - MATLAB vpasolve

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