

X1-X0= X2-701 P(x)= f(x0) (Ko-X1)(X0-X2) (x2-x0)(x2-x1) ((x-x1)+/x-x0)) 2'(x) = f(x0) (2x - (x,+x2)) + f(x0) (2x - (2+x0)) (-h)(-2h) (2x-(x1+x0) P3(x) = 1/ (f(xo)(2x-(x1+x2)-f(x1)(2x = 1/2 (2x-(x1+x0)) )= == (f(x0)(-2h-h)-f(x1)(-2h)+f(x2)(-h) P(x0) = -3 f(x0) + 2 f(x1) - f(x2)

