

 $h = t_{n+1} - t_n = t_n - t_{n-1}$ $t_{n+1} = h + t_n ; t_{n+1} = t_n - h$ $t' = t - t_n$ dt' = dtP(+) = E(E'-h) fn-1 + (E'+h)(E'-h) fn + (E+h) E' fn+1 * [n [(t) - h) dt fn-1 = - h fn-1 * [(E'+h)(E'+h)de fn = 2h fn - h2 Para 4 puntos a = {(to-2, fo-2), (to-1, fo-1), (to, fo), (to+1, for-1)} P(t) = (t + tn-1)(t+tn)(t+tn+1) fn-2 + (t-tn-2)(t-tn)(t-tn)
(tn-2-tn-1)(tn-2+tn)(tn-2+tn+1) (tn-1+tn-2)(tn-1-tn) (t-tn-1)(t-tn-2)(t-tn+1) fn + (t-tn-2)(t-tn-1) (tn-tn-1)(tn-tn-2)(tn-tn+1) (tn+1-tn-2) fn-1 (1-to) for 1 (1-to) for 1 P(t) = (t+h)(t)(1-h) fa-2+ (t+2h)(t)(t+h) fa-1 + (\(\chi \)) (\(\chi \) (\(\chi \) (\(\chi \) (\(\chi \)) (\(\chi \) (\(\chi \) (\(\chi \)) (\(\chi \) (\(\chi \) (\(\chi \)) (\(\chi \) (\(\chi \)) (\(\chi \) (\(\chi \)) (\(\chi \) (\(\chi \)) (\(\chi \) (\(\chi \)) (\(\chi \) (\(\chi \)) (\(\chi \)) (\(\chi \) (\(\chi \)) (\(\chi \)) (\(\chi \) (\(\chi \)) (\(\chi * [h(E)+h(E)(E)-h)de)fn-2 = h fn-2 * [[(+ 2h)() ((- h) d (fn-1 = -5h fn-1 ((6) +h) (+ + 2h) (+ - h) (+ + fn = 19h fn

