## Мамонов Антон ЗИСиП-19-1

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Nuneunos unnepnació que unneprocesque - npo meis amis q bug unmeporaneyuu reme unarozyawow mo zogo moso 6 more icopyunamaia X:, y; ompegnance 4(x) monno speromento Churce nauchnes manino nonucame Dia i- 10 unneplana repez morning ypo bneno npermo u spasnegereger (Xi-1, y-1) u (Xi, yi) X - X1-1 71-1 (3) 91-91-1 X1-1 9 = 0,1x + 61, x1 = x = x, (1) emin 9 a Ø 41 - 11-, br - yr-1 - arxi-1 of the unatogolonius runeinas unnepnous charación nymho enpegemente conceptio nonogoem gnovenue & 30 men rageno beens populary (4) repudrumence gnovenio 4 haines 6 mei mayo, Ry

Pn (x) = > 9: 12 n(x) | Ln (x) - momunie  $\begin{cases} (x - x_0) & (x - x_{i-1})(x - x_{i+1}) & (x - x_n) \\ (x_i - x_0) & (x_i - x_{i-1})(x_i - x_{i+1}) & (x_i - x_n) \end{cases}$ Paybepnymbus bus:  $P_{n}(x) = y_{0}(x-x_{1})(x-x_{2})...(x-x_{n})$  $y = (x - x_0)(x + x_2)...(x - x_n)$   $(x - x_0)(x - x_1)(x - x_2)...(x - x_n)$   $(x_1 - x_0)(x_1 - x_2)...(x_1 - x_n)$   $(x_1 - x_0)(x_1 - x_2)...(x_1 - x_n)$  $W_1(x) = (x-1)(x-2)(x-3) = (x^2-2x-x+2)(x-3) = (x^3-3x^2-2x^2+6x-x)$ -X2 + 3X + 2X - 6 = 1X3 - 6X2 + 11X - 6  $W_2(x) = (x-0)(x-2)(x-3) = (x^2-2x)(x-3) = x^3-3x^2-2x^2+6x =$  $= |x|^3 - 5x^2 + 6x$  $W_3(x) = (x-0)(x-7)(x-3) = (x^2-8x)(x-3) = x^3-3x^2-x^2+3x=$   $= (x^3-4x^2+3x)$  $W_4(x) = (x-0)(x-1)(x-2) = (x+x)(x-2) = x^2-2x^2-x^2+2x=$  $= 1 \times 3 - 3 \times 2 + 2 \times 1$ 





