Lad. 5. 316055 9i f[x:,2:] f[xi2,2:,xi] f[xi-3;;xi] 0 -1 4 660 0 < 6, 4 2 + b2 10 4 - b3 -4 Wxor $\begin{cases}
f[x_i] = f(x_i) = g_i \\
f[x_i, x_{i+1}, ..., x_{j-1}, x_j] = f[x_{i+1}, ..., x_j] - f[x_i, ..., x_{j-1}]
\end{cases}$ b, = f[20, x, x, x,] Postaé Newtour In(x) = = = f[xo, xu] pa(x) W(x)= 4+0. (x-(1))-2x(x-(-1))+4x(x-(-1))(x-1)= = 4 + 2x(x+1) + 4x(x-1)(x+1) yi 4 9 0 16 x-x22 (x-1) x-23=(2-2) L3(x)= 2 yx 1x(x) 102-6x(x-1)(2-2) 1 / = = (x+1)(x-1)(x-2) 1 (x-xj)

(x-xj)

(x-xj) $\lambda_{1} = -\frac{1}{2} (x+1)(x-2)$ 1 /32 = 2 (x+1)(x-1) $L_{2}(x) = 4x^{3} - 2x^{2} + \frac{1}{3}x + 4 = -\frac{4}{6}x(x-1)(x-2) + \frac{4}{2}(x+1)x-1/(x-1)$ + 0. 12 + 16. 6. x(x+1)(x-1)