las 7 19.10.21 f(xi) -22 -10 -10 -2 Bagani morku x; -1,5 -0,5 1,5 2,5 f(x;)???????? h = 3 $L_{3}(x) = (x - x_{1})(x - x_{2})(x - x_{3})$ $(x_{0} - x_{4})(x_{0} - x_{2})(x_{0} - x_{3}) y_{0} + y_{0}$ $+ \frac{(x-x_0)(x-x_2)(x-x_3)}{(x_1-x_0)(x_1-x_2)(x_1-x_3)} y_1 +$ $+ \frac{(x-x_0)(x-x_1)(x-x_3)}{(x_2-x_0)(x_2-x_1)(x_2-x_3)} \frac{(x-x_0)(x-x_1)(x-x_2)}{(x_3-x_0)(x_3-x_1)(x_3-x_2)} \frac{1}{(x_3-x_0)(x_3-x_1)(x_3-x_2)} \frac{1}{(x_3-x_0)(x_3-x_1)(x_3-x_1)(x_3-x_2)} \frac{1}{(x_3-x_0)(x_3-x_1)(x_3-x_1)(x_3-x_1)} \frac{1}{(x_3-x_0)(x_3-x_1)(x_3-x_1)} \frac{1}{(x_3-x_0)(x_3-x_1)} \frac{1}{(x_3-x_0)(x_3-x_1)} \frac{1}{(x_3-x_0)(x_3-x_1)} \frac{1}{(x_3-x_0)(x_3-x_1)} \frac{1}{(x_3-x_0)(x_3-x_1)} \frac{1}{(x_3-x_0)(x_3-x_1)} \frac{1}{(x_3-x_0)(x_3-x_1)} \frac{1}{(x_3-x_0)(x_3-x_1)} \frac{1}{(x_3-x_0)(x$ $\frac{1}{4}3(x) = -22 \cdot \frac{(x+1)}{(x-(-1))(x-2)(x-3)} + (-2-(-1))(-2-2)(-2-3) + (-2+1)(x-2)(x-2)(x-3) + (x+2)(x+1)(x-3) + (-1+2)(-1-2)(-1-3) + (2+2)(2+1)(2-3) + (-1+2)(-1-2)(-1-3) + (2+2)(2+1)(2-3) + (-1+2)(-1-2)(-1-3) + (-1+2)(-1-3)(-1-3) + (-1+2)(-1-3)(-1-3) + (-1+2)(-1-3)(-1-3) + (-1+2)(-1-3)(-1-3) + (-1+2)(-1-3)(-1-3)$ $+\frac{(x+2)(x+1)(x-2)}{(3+2)(3+1)(3-2)}$ $= \frac{(x+1)(x-2)(x-3)}{-20} \cdot (-22) + \frac{(x+2)(x-2)(x-3)}{12} \cdot (-10) +$ $+ \frac{(x+2)(x+1)(x-3)}{-12} \cdot (-10) + \frac{(x+2)(x+1)(x-2)}{20} \cdot (-2) =$ $= x^3 - 2x^2 - x - 8$ $f(-1,5) \approx L_3(-1,5) = (1,5)^3 - 2 \cdot (-1,5)^2 + 1,5 - 8 =$ = -3,375 - 2 - 2,25 + 15 - 8 = 1,5 - 15,875 = -14,375