

= f:+1 - 1 (f:+1 -f:) - 1 (f:+1 -2f:+f:-1) [12 fits -6 fits +6 fi - fits +2 fi - fi-1] h 7:+1- 7:+ h [5 f:+1 +8 f:-f:-1] P(x) = f(\(\frac{1}{2}\) \(\frac{1}{2}\) \(\fr Jdy - [[((+1) + (5)) (5+1)] 2 (1 + (5+2)) 3 fi-2] dt = $h_f(\{i+1\}) \int_{-1}^{1} \frac{1}{2} \frac{5^2}{2} b_f h \int_{-1}^{0} + (\frac{5^3}{3} + \frac{5^2}{2}) \frac{1}{2} \int_{-1}^{2} \frac{1}{4} \int_{-1}^{2} \frac{1}{4} \int_{-1}^{3} \frac{1}{4} \int_{-1}^{2} \frac{1}{4} \int_{-1}^{2} \frac{1}{4} \int_{-1}^{3} \frac{1}{4} \int_{-1}^{2} \frac{1}{4} \int_{-1}^{3} \frac{$ = h[f:+1 - \frac{1}{2}\Df: -\frac{1}{12}\D^2f:-1 - \frac{1}{24}\D^3f:-2]

