

$$\hat{H}_{2,0}(x) = (x - 1.3) \left( \frac{50}{9}x^2 - \frac{175}{9}x + \frac{152}{9} \right)^2,$$

$$\hat{H}_{2,1}(x) = (x - 1.6) \left( \frac{-100}{9}x^2 + \frac{320}{9}x - \frac{247}{9} \right)^2,$$

$$\hat{H}_{2,2}(x) = (x - 1.9) \left( \frac{50}{9}x^2 - \frac{145}{9}x + \frac{104}{9} \right)^2.$$

Czyli ostatecznie

$$H_5(x) = 0.6200860H_{2,0}(x) + 0.4554022H_{2,1}(x) + 0.2818186H_{2,2}(x) \\ - 0.5220232\hat{H}_{2,0}(x) - 0.5698959\hat{H}_{2,1}(x) - 0.5811571\hat{H}_{2,2}(x)$$

a wartość liczbowa jest

$$H_5(1.5) = 0.6200860 \left( \frac{4}{27} \right) + 0.4554022 \left( \frac{64}{81} \right) + 0.2818186 \left( \frac{5}{81} \right) \\ - 0.5220232 \left( \frac{4}{405} \right) - 0.5698959 \left( \frac{-32}{405} \right) - 0.5811571 \left( \frac{-2}{405} \right) \\ = 0.5118277,$$