

Horner:

$$p(x) = a_0 + a_1x + a_2x^2 + a_3x^3 + a_4x^4 =$$

$$= a_0 + x(a_1 + x(a_2 + x(a_3 + xa_4)))$$

↳ za evaluácie polynómu
v hodi točti v $O(n)$.

vhodnosti $\rightarrow$ to $e f$

$$\hookrightarrow f(-1) = -12$$

$$f(0) = 3$$

$$f(1) = 30$$

$$f(2) = 117$$

$$c_0 - c_1 + c_2 - c_3 = -12$$

$$c_0 = 3$$

$$c_0 + c_1 + c_2 + c_3 = 30$$

$$c_0 + 2c_1 + 4c_2 + 8c_3 = 117$$

↙ gaussova eliminácia

$$c(x) = \dots$$

