

$\frac{4-10}{2}$

$$p(x) = x(x-1)(x+1)q(x) + ax^2 + bx + c$$

$$p(0) = 1 = c$$

$$p(1) = 1 = a + b + c$$

$$p(-1) = 1 = a - b + c$$

$$a = 50, b = -50, c = 1$$

$$50x^2 - 50x + 1 \quad \text{korrekt}$$