2 зад Загвореной спрано оббирание 1. Hera fig & U f(x) = aoxo+ aqx3+ axx4 aqx4 g(x) = box + by x + by x + by x + by x + f(x)+g(x) = ao xo + boxo + aqx + bx + aq x + bq x + aq x + bq x + bq x + aq x = $= (a_0 + b_0) x^0 + (a_1 + b_2) x^1 + (a_1 + b_2) x^2 + (a_2 + b_3) x^3 + (a_4 + b_4) x^4 =$ = (f+g)(x)(f+g)(x) & U $= 7 \left(f + g(2) = f(2) + g(2) = f(-2) + g(-2) = (f + g)(-2) \in U$ 2. 3at Copenoa apaus gerestlenue un marp #2. Hera LER FEY (d.f)(x) = Laoxo + Laox + Laox + Laox + Laox + Laox + = = L(aoxo+a,x1+daxx2+a3x3+a4x4)= - L.f(x) E4 L.f"(0) = L. 0 = 0 = (Lf")(0) E4 OT 1. 42. Wegba TR 4 e nograpocipanisto ra R (x)

Bazuc Ha 4 Hexa f & 4 f(x) = ao + a1x + a2x2 + a3x3 + a4x4 f"(x) = 2a2 + 6a3x + 12a4x2 f"(0) =0 =7 2 a2 + 6 ag. 0 + 12 a4 0 =0 2a2 = 0 = 7 a2 = 0 13 = 00 でもからまりはながなり + でんしょうのこしょ $= 7 f(x) = a_0 + a_1 x + a_3 x^3 + a_4 x^4$ = f(2) = f(-2)ao +2a, +8a3 + 16a4 = ao -2a, -8a3 + 16a4 9a1 = -16a3 ag = -4 az F(x) = a0 - 9a3 x + a3 x3 + a4 x4 $f(x) = a_0 + a_3(x^3 - 4x) + a_4 x^9$ = 7 bazue vea 4 { x4, x3-4x, 1}