Clasa a XII-a C [-4/102] f=BCX3, |f=x3+x+1] f(1ri) - (1+i) + (1+i) (i3=i2i=-i (1+i)=1+3·1-2-1-1-2+2i (1+is = 12 1in + i2 - 1 2 2i -1 = 21 fu+i) = -2+21+21+1-5i Nr. complete: 25 2 = a+bi Conjugated m2: (2 = a - bi) ((a-b) = -3 - 3 - 2 b + 3 a b 2 - b 3

4(1-iB) = (1-iB) + (1-iB) + (1-iB) + ($(1-i\sqrt{3})^{2} = 1^{3} - 3.4.(i\sqrt{3}) + 3.1.(i\sqrt{3})^{2} - (i\sqrt{3})^{3} =$ $\frac{1}{(1-i)^{3}} = \frac{1}{4} - \frac{3}{2} \cdot \frac{1}{4} - \frac{3}{4} \cdot \frac{1}{4} \cdot \frac{3}{4} \cdot \frac{3}{4} \cdot \frac{1}{4} \cdot \frac{3}{4} \cdot \frac{3}{4$ - -2-253í \$11-is3) = -8 -2-253i+1(-is3+1x =-8-353i $\frac{7(N-1/3)}{[55]} = -8+3/5!$ $\frac{1}{[55]} = \frac{1}{2} + \frac$ 411-is3) - 8+363·L (a-1) + b.1 = 0 => (= 1 = p =) = 1

f, 9 = 7/4 3 x + 1 3 x + 1 3 x + 2 x 3 x + 2 x 3 x + 2 x 3 x + 2 x 3 x + 2 x 4 3 1 +9 -9+ + $\frac{1}{3} = \frac{3}{3} + \frac{2}{3} + \frac{2}{3} + \frac{2}{3} + \frac{3}{3} + \frac{3}$ -312314 3 - d 0:5, 10 (15 ---4 1 三 对人门门 = 4mod 5 = 2./ ++9= X3+