Mureko Angplir MNK0311 Rasoparo puese pasore Nº0 18.02 Bafuatio 4 Harm octorox of general $M = 5^{111}$ $5^{111} = 5 \cdot 5 = 5 \cdot 25 = [25 = -7 (wod 16)] =$ a = b (used m) 5 $= 5 \cdot (-7)^{55} = -35 \cdot 49^{27} = -3 \cdot 1 = -3 =$ (a-b) = 34= 13 (mod 16) 1. 0+C=b+d (wod m) 2 oc = bd (mod us) 3 st= bt (wod m) №2 Найти знач. ф. и Эйлера 4/h). n=1562 4 bzannenfetisæ 4(1562)=4(2-11.71)=(2-1)(11-1)(71-1)= = 700. c m. P/m)=/2 / 1. p-upocive =>4(ps) = ps-ps-1 2 HOA (Q,b) = 1 => \q(a,b) = \q(a) \q(b).

N3 Herry a (wod 4) 2ge a=5 n=16 HOA (0, us) = 1, To a (flus) = 1 (wood m) 5 (wed 16) = [4/16) = 4/2" = 2"-2" = 8] = a (wodm)= or (wodm) $=5^{7} = 5 \cdot 25^{3} = 5(-7)^{3} = -35 \cdot 49 =$ = -3.1=13 (wod 16) N-4 C now to pacucup, and be bruga HOATU HOA (0,b), $u \times y$ formed 868 HELLENSON. HOA (0, b) = = HOA (b&a, a) Q = 34 b = 70go fer up tropa topa (o a) = a HOA (34, 70) = HOA (2, 34) = HOA (2) = 2 - HOA (34, 70) = 2 $X_0 = 0$, $X_1 = 4$ yo = 4, 9, = 0 70= 34.2+2 34= 2-17+0 X = X = 7 = X = 1 b= ag+r Toya -2.34 + 1.70 = 2 $X_2 = 0 - 2 \cdot 1 = -2$ $X_3 = 1 - 17(-2) = 35$ $x_0 = 0, \quad x_1 = 1$ $y_0 = 1, \quad y_1 = 0$ $y_2 = 1 - 2.0 = 1$ $y_3 = 0 - 17.1 = -17$ Orbes: x=-2, y=1, MOA=2