信安数基第2次作业-沿尔宁-20220218119 (2) 72 Wh: : m-1=-1 (mod m) · (m-1)2 = (-1)2 = 1 (mod)m 知102,12,…(m-1)2-此不是模m的络绵绵 16) : 23 = 8 = 1 Lmod7 20 030509 = 6676 836x3+1 · 2 200 30509 = (23) 6676836·2 = 2 (mod 7) 数 2200 30509 天是星期日 13) : a= b2 (mod n) : N/a2-b' Bn (a-b) (a+b) 2n Ka-b, n/a+b 又n=pq, 知 pq (aも)(atb)、又p. 化物を整 1知1 P1(a-6) 成P(a+b) ts有(n,a-b)=(pg,a-b)> AUTA9 (a-b) & 9 (a+b) VL& (n,atb)=(14, a+b)> (24) 31000000 (mod 7) 由欧龙这程:3977)=30= [(mod]) \$2 31000000 = 136)16660 34 = 81 = 4 (mod 7 (25) 137 113 (mod 227) 113 = (11/0001) 2. a=1, b=137, m=227 $n_0 = 1$ $a_0 = a \times b = 137$, $b_1 = b^2 = 155$, $m_0 \neq 0$ $N_1 = 0$ $\alpha_1 = 137$, $b_2 = b_1^2 = 190$, mod 227 M2= 0 az= 137, b3= b2= 7 mod 227 NS-0, 95=137, 64- 63=18, mod 227 NY=1, a4=130, bs-= 131, mod >27 NJ=1, ar=5, 66=126, mod 227 hb = 1, ab = 22bto 18th = 226 mod 227