In numere prime pt 14551. Valachi Emilia
[Alg. QS:] [14551] = 120 F(x) = (x + [1]) 2 - n F(1) = (1+120)2 - 14551 = 1212 - 14551 = 90 = 2.3.5 F(2) = (2+120)2- 14551 = 333 = 3.111 = 32.33 E(3) = 153, -1122T = 244 = 5.74 F(A) = 75A5-TARRI = 25. 42.77 F(2) = 7525- TH227 = TOAH = 5.1.173 F(6) = 1262-14551 = 52.53  $E(4) = 454_5 - 74227 = 7236 = 5.3.563$ E(8) = 1582-14221 = 4883 E (3) = \$585-TH 221 = 5080 = 5.2.11.73 F(10) = 1302-14551 = 2348 (34.28) F(11) = 1312-14551 = 2610 = (2.32,5.29)  $E(\tau) \cdot E(\tau_0) \cdot E(\tau_T) = (5 \cdot 3_5 \cdot 2) (3_{\text{H}} \cdot 53) (5 \cdot 3_5 \cdot 2 \cdot 53)$  $= (2^{2} \cdot 3^{6} \cdot 5^{2} \cdot 23^{2}) = (2 \cdot 3^{2} \cdot 5 \cdot 23)^{2}$ = A 810 = 2205 - A 810, = 0 (mod 1121) = (-3480)8180 = 0 (mod 34551) => (-8480, 14227) = 14221 => 14561 este prim (8180, TARET) = 74 ERT

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