

2010 -				
	15	12- 15	10:	/ 3:

(5) :

. $b = 1954$ $a = 2010$

. $a - b \equiv 0[7] :$ (1)

7 $3a^2 - 26^2$ (2)

$4a + 56 \equiv 2[7] :$ (3)

7 $b^{1962} \quad a^{1430}$ (4)

(5) :

. n $U_{n+1} = 2U_n - 3$ $U_0 = 4$ (U_n)

$V_n = U_n - 3 :$ (V_n)

. (V_n) (1)

. n U_n n V_n (2)

. $S' = V_2 + V_3 + \dots + V_{10}$ $S = V_0 + V_1 + \dots + V_n :$ (3)

(10) :

. $f(x) = -2x^3 + 6x - 4 :$ f

. $(O; \vec{i}, \vec{j})$ f (C_f)

. f (1)

. (C_f) $A(0; -4)$ (2)

. A (C_f) (3)

. x $f(x) = (x - 1)^2 (-2x - 4) :$ $f(x)$ (4)

. (C_f) (5)

. (C_f) (6)