```
25.02-2013. Ruigh part 2/3.
   (4) 10. F.P) - bepasse up lo
        It- punchagus
        Ме-марар квадр импер мартина на 10,77,
        < N/2 - ere réagrant éapuayas, se raver meyore mentre nhoyere, un
       Moyeve M2- IMZ abn maprouranon.
       DOK-10, THE & CK & [Men-Hen] = -> < M>, you A(T) -> 0.
   Решения: на прашлем пенуши мо зго доназала дия вашер працесед.
              410 2 /Na-Nay 2 10 T
           Tenepe gouvery, you cance osognamin T_{\pm}(x) := \sum_{i=0}^{k-1} \left( x_{i+i} - x_{i+i} \right)^2 + \left( x_{k} - x_{k+i} \right)^2
           age to stations, A - pagalieure, TO STE S-> < M, M/Z, u M2 = TE (M) - praparam
    1) M-Mapauran
      >> gra Lies Lti+1:
     E[(Ming-Mi)2/Fs]= E[(Ming-Mg+Mg-Mi)2/Fs]= E[(Ming-Mg)/Fs]+
     +2 E[Mi+1-Ns)(Ns-Mu) | Fs] + E[(Ns-Mti)2) | Fs] = E[(Mu,-Ns)2 | Fs] + (Ns-Mti)2
   => E[T24/M)-T54/M)/F3]=E[M4-M5)E/F3]=E[M2-M52/F3] (*)
                     A
                    te, 8 tk ... tj = £
   > ME TE (4) - Maprimer
 2) Aucupyan t u gonacuas, mo como sont - paymones 10, 17 u /sol-30, 70
        1 Tz 3 exog. 812
· Econe D us'-gla pajoneurs, so ss'-ux as represence.
   W(x): E[x2] = E[(T2 - T2 )2] = E[T2 AD (x)]
   A nocuonary (x+y) = 2(x+y), TO To To DO'(X) = 2 { To D'(T ) + To DO'(T)}
   27 900. 900+1, 4100 E[Tz 50'(T°)] →0, Konga 101+10') →0.
· Nyeur SEEDS 4 te + SK - SK+1 = te+1
 => TSK+1 - TSK = (MSK+1 - MEE)2- (MSK-MEE) = (MSK+1 - MSK + MSK - MEE) 2- (MSK-MEE) =
       = (MSK+) - MSK) ( MSK++ + MSK - 2Nte).
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=> TE so'(Ta) & (sup | Man, +Man - 2Meel2). TE so' No 4-by Koucu- Byusnobruso- mapys: E[ TE DD'(TD)] = E[ Sup | MSun + 14se - 2Mee | " ] " E[ to 20/27/12 > got goes, mo Este sorgen of aureno Koneranoes, we fabricayed or sod! · My (th) = 12 /Me - Mu, 12 = 22 /Th - The ) (The - The) + 2 / Mu-Mu,)4 14 (4): EITE - TEN / FEW ] = E[ (Men - Men) & / FEW ] > E[|those = 2 = E[|Men-Men] 4 The - The ]] + 2 E[(Men-Men)] = = E[ | 2 sup | Min-Mex | 2+ sup Min-Min-Min-12) TEA] ] C- constant tanas, 200 14/20 (ry 14- waper maprimen no 10,603) => E [ Tto ] = 402 > E[ [ tan ] = 120 = [ [ ] = 480 4 >> 17 snf exog. 812 x 2 M, MZ npu 15n/->0. rg