```
1. algebra . Imeal
 X = 4x - x.
                              x = 451 n 20
Implica Xn+4 = 4 din2 (2n+1 0) 0 € [0, 1/2]
         Caso lase:
            X,= 4x0 - x0
             X1 = 4 . 4 3 m 18 - 16 3 m 4 8
                = 16 Sin' & - 16 Sin' Q
                = 16 Sin20 (1 - Din20)
                = 16 Sin'& Cos 20
                = 44 Sin2 & COSE
                 = 4. (2.5m @ (ma)2
                 = 4 (5m (20))2
                 : 4 Jin 2 ( 2 11 0)
           Supongames que X_{n+1} = \mu_{X_n} - \chi_n^2 talque
                       Xn = 4xn - xn2
                       Xn1 = 4 (45m2 (2,0)) - (42m3(5,0))
                            = 16 51n2 (2 0) - 16 5 m2 (2 0)
                            = 16 3m2 (2" 0) (1 - Sm2 (2"0))
                            = 16 510 (2"0) (05 (2"6))
                            =4.(2.5m(2'0) -(0)(2"0))2
                            -= 4 (DIN (2.(2 0))2
                       Asc 4 ( Sin (2""0))
        S1 - Xn+1 = 4 Xn - 4xn2
            - x = 5in'6
      Implica que xn+1 = Din2 (2"17 6)
                           0 [0,7/2]
           Casa base :
               X = 480-4X, 2
               x1 = 4.5m2 -45m40
                X1 - 4 SINTO . (1-51ATO)
                1 = 4 2 m 30 (628 0
                X1= (2-Smo. (000)2
                X1 = (510 (20))2
            => x = 2 m1 ( 2,0)
      Supanga .
                   Xn + 1 = 4xn : 4xa2
                 Xn=Jin2(2 0)
                 Xn+1 - 4 (sin (200) - Din (20)
                   Xn17= 45102 (200) (1 - 502 (20))
                    X = 45m1 (200) (cos1 (200))
                    Xara = (2 Sin (200) (05 (200))2
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