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Aula 14 (09/04)
           Nelson Faristino
            mfenst Quapt
         2 m = 2 m (M)
          Tone de Hansi
                                                            (22)
        Probleme de valor inical
       Solução: an=2m1
           (como ventras?)
       a,= 211 = 2-1 = 1
    a_2 = 2a_1 + 2 = 2 \times 1 + 1 = 2 + 1 = 3
       a 2 202+1 = 2×3+1 = 6+1 = 7
     Sucessão de Fisonacci
     Probleme valor inicial
        \int \overline{F}_{m+2} = \overline{F}_{m+1} + \overline{F}_{m}
\int \overline{F}_{0} = \overline{F}_{1} = 1
    8 Zaza
    O Maria
           Identidade de reconência
            FK = Fm+1 - 1
         2 TR = Fo + 2 (TRM - FK) Thy + TR = TRM

Sonie Hongoli
      ادر 0
           \sum_{k=1}^{m+1} (\overline{+}_{km} - \overline{+}_{k}) - (\overline{+}_{k} - \overline{+}_{k}) + (\overline{+}_{k} - \overline{+}_{k}) + (\overline{+}_{k} - \overline{+}_{k}) + \cdots + (\overline{+}_{m} - \overline{+}_{m+2}) = (\overline{+}_{m} - \overline{+}_{k})
                                                           Ex Fax Aula K
                                         1 1 2 3 5 8
                               1-1

Tek = Fot = Fek = 1 + E (Fek-1 + Fek-2)
                                                     m(n-11! = m!
                                                   Xn2 n. Scholar a y. Xn = ( -. )
                                                    Xm=C1Xm2+C2Xm2+-..+ CKXm-K (m> K)
                                                     Vamos producer soluções de forma
                                                     7 = c, 9 m-2 + C, 9 m-2 + e, 9 m-3 + - - + e 9 m-K
                                                (=) qm-c, qm-1-C, qm-2-c, qm-3-..-- ek (qn-K)= 0
                                                (3) q^{m-k} (q^{k} - C_1, q^{k-1} - C_2, q^{k-2} - ...) = 0
                                                                      P(9) - Polinomo Carcellistico
                                                    X = X + 2 x = 1 m > 2
                                                   4 m = 9 m-1 + 2 9 m-2
                                              (9 9 - 2 (92 - 9 - 2) = 0

P(9) - Blinsmus

anotheropa

Raiges de 92 - 9 - 2
                                                   7 = +1 ± \(\frac{1}{2} - 4\chi 1\chi 1\chi 2\chi 1
                                                  9=+1=19
                                              Xm= ~ (-2) m+ p (2) m, ~ ~ p ∈ R
                              Raizes de 93-39-2
                               9 = 1 raig du aq.
                 Tatonização : (9-1) (92+9-2)
                         (9-1) (9-1) (9+2)
                        (9-1) (9+2)
     Tolka 4
a) P(9) = (9-1)^{1}(9-3)^{1}(9-2)^{2}
    P(9)=(+1)(+-3)(92-49+4)
         = 94-8 93+2392-287+12
          P(9) = 0 \Rightarrow 9^{m} P(9) = 9^{m+1} - 83^{m+3} + 239^{m+2} - 289^{m+1} + 129^{m} = 0
                   X_{m+4} - 8X_{m+3} + 23X_{m+2} - 28X_{m+1} + 12X_{m} = 0
       2) X<sub>m</sub> = α 1<sup>m</sup> + B 3<sup>m</sup> + 8 2<sup>m</sup> + 6 m 2<sup>m</sup>, α, β, 8, 8 € (N
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