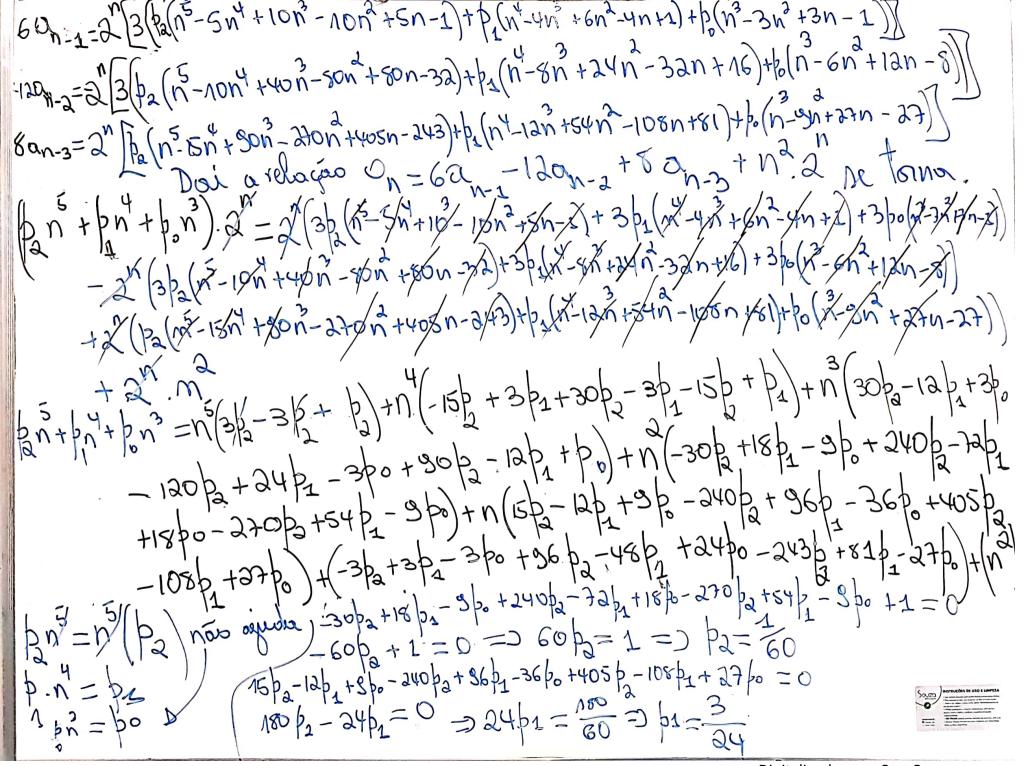
Glação geral. $An = 41.2^{n} + 42n2^{n} + 43n^{2} + 2n^{2}$ $An = (41 + 42n + 43n^{2}) 2^{n}$ 04 = 7 0=0 Justino acomo como demanos an=6an-11dan-2+8an-3 ton una pois com apenos multipliciole. $\chi_{\lambda}^{2} = 6 \frac{\lambda}{X} - 12 \times + 8$ Vains imperque (an) = (pn + pn + po) 2.11 X-6X+12-8=0 $Q_{n-1} = \begin{pmatrix} b_{1} + b_{1} + b_{1} \\ a_{2} + b_{2} \end{pmatrix} + \begin{pmatrix} a_{1} + b_{2} \\ a_{2} + b_{2} \end{pmatrix} + \begin{pmatrix} a_{1} +$ 12 $a_{n-2} = (b_{2}(n-2) + b_{3}(n-2) + b_{6}(n-2) + b_{6}$ 0 $0 = (x-2)(x-2)(x-2)(x-2)(x-3) + b_1(n-3) + b_2(n-3) - Q$ 42 = 9 87 = 5 7=2 Com multiplicades $-3b_{2}+3b_{1}-3b_{0}+86b_{2}-48b_{1}+24b_{0}-243b_{2}+81b_{1}-27b_{0}=0$ $-150b_{2}+36b_{1}-6b_{0}=0$ $-150b_{2}+36b_{1}-6b_{0}=0$ $-150b_{2}+36b_{1}-6b_{0}=0$ $-150b_{2}+36b_{1}-6b_{0}=0$ $-150b_{2}+36b_{1}-6b_{0}=0$ $-150b_{2}+36b_{1}-6b_{0}=0$ 2880 1440



 $a_n = (d_1 + d_{2n} + d_{3n}^2) 2^n + (\frac{1}{60} n^2 + \frac{3}{24} + \frac{1}{3}) 2^n \cdot n^3$ à a formula fechado b) (Encontramos o décimo termo dessa requência. 2 dy + 2 dz = -19 $QN = (Q^{5} + Q^{5} + Q^{5} + Q^{5} + Q^{5})$ 822+160=-40/-2 0, = (4, +0, x0 + 0, x02) 2 16 pg + 16 0g = - 152 $0 \leq 0 \leq 10$ of = 01/2, +02 ug + 5 ug LN6/42-3202 =-80 165 = 73 1=20+22+223 2da+2da=-19 の=212,45000000 0=42,+82,+1623 8 da + 16 da = -40



$$a_{n} = (no - n4n + \frac{9}{3}n^{3}) 2n^{3} + (\frac{1}{60}n^{3} + \frac{3}{24}n + \frac{1}{3}) 2^{n}n^{3}$$

$$a_{n} = (no - n4x10 + \frac{9}{3}x10^{3}) 2x10^{3} + (\frac{1}{60}x10^{3} + \frac{3}{24}x10 + \frac{1}{3}) 2^{n}n^{3}$$

$$a_{n} = (no - n4x10 + \frac{9}{3}x10^{3}) 2x10^{3} + (\frac{1}{60}x10^{3} + \frac{3}{24}x10 + \frac{1}{3}) 2^{n}n^{3}$$

$$a_{n} = (no - n4x10 + \frac{9}{3}x10^{3}) 2x10^{3} + (\frac{1}{60}x10^{3} + \frac{3}{24}x10 + \frac{1}{3}) 2^{n}n^{3}$$