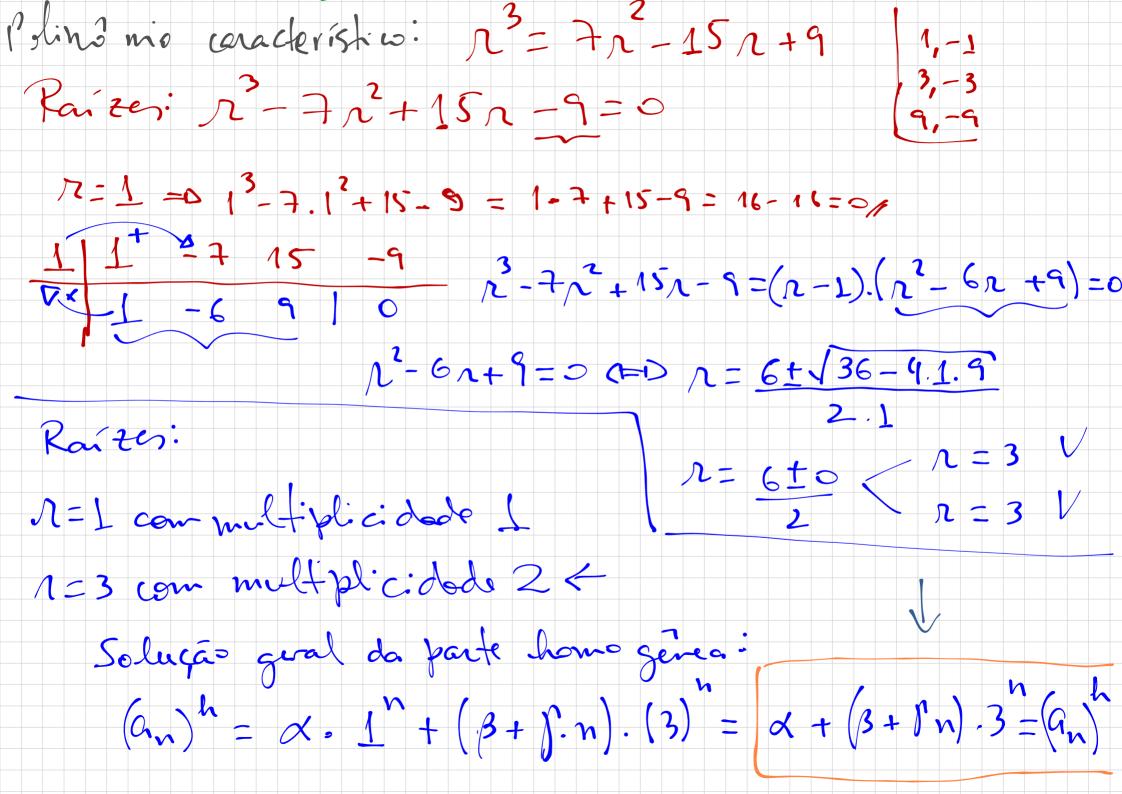
Mais un exemplo. In contrar 0 10: termo de $0 = 17 a_{n-1} - 15 a_{n-2} + 9 a_{n-3} + (-1) + 2 a_{n-2} + 2 a$ 1.") Encontrar a solução geal da parte homogênea 2. En contrar uma solução parteular da relação. In 3.) En contrer or parametros da seguencia. 4º) Calcular o firmo deségato. Discreta, aula
1.0) Encombrer a colorian aprel de 18 yar te 2 20/11 1.0) Encontrar a solução guel de $C_n = 7c_{n-1} - 15c_n + 9c_{n-3}c_1$ Polind nio característico: $n = 7c_1 - 15c_1$



2') Solução partinla de
$$a_{1} = 7a_{1} - 15a_{1} + 7a_{1} + (-1)^{n}$$
 $(a_{1})^{2} = C \cdot (-1)^{n}$
 $a_{1} = C \cdot (-1)^{n-1} = C \cdot (-1) \cdot (-1)^{n} = C \cdot (-1)^{n} \cdot \frac{1}{1} = C \cdot (-1)^{n}$
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A solução particula
$$1 (a_n)^2 = \frac{1}{32} (-1)^n$$
.

E a solução geral $1 (a_n)^2 = \frac{1}{32} (-1)^n$

An = $1 (3+1)^2 = \frac{1}{32} (-1)^n$

$$A_{2} = A + (\beta + \beta, 2) \cdot (3)^{2} + (-1)^{2} = A + 93 + 18\beta + 1 = 1$$

$$A + 93 + 18\beta = 1 - \frac{1}{32} = \frac{32}{32} - \frac{1}{32} = \frac{31}{32} = A$$

$$A + 93 + 18\beta = \frac{31}{32} = A$$

$$A + 35 + 3\beta = -31 = A$$

$$A + 35 + 3\beta = \frac{31}{32} = A$$

$$A + 3 + 10\beta = \frac{31}{32} = A$$

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Lember ye
$$C_{1} = \alpha + (3 + 1 + 1) \cdot 3^{1} + \frac{1}{32} \cdot (-1)^{1}$$

$$C_{2} = \frac{31}{32} \cdot \frac{1}{32} \cdot \frac{31}{32}$$

$$C_{3} = -\frac{93}{32}$$

$$C_{4} = \frac{31}{32} + (-\frac{93}{32} + \frac{31}{24} + \frac{1}{32}) \cdot \frac{31}{32}$$

$$C_{4} = \frac{31}{32} + (-\frac{93}{32} + \frac{31}{24} + \frac{1}{32})$$

$$C_{5} = \frac{12}{32} + (-\frac{1}{32})^{1} + \frac{3}{32} \cdot \frac{31}{32}$$

$$C_{6} = \frac{12}{32} + (-\frac{1}{32})^{1} + \frac{3}{32} \cdot \frac{31}{32}$$

$$C_{7} = \frac{12}{32} + \frac{1}{32} \cdot \frac{1}{32}$$

$$C_{7} = \frac{1}{32} + \frac{1}{32} + \frac{1}{32} + \frac{1}{32} + \frac{1}{$$

