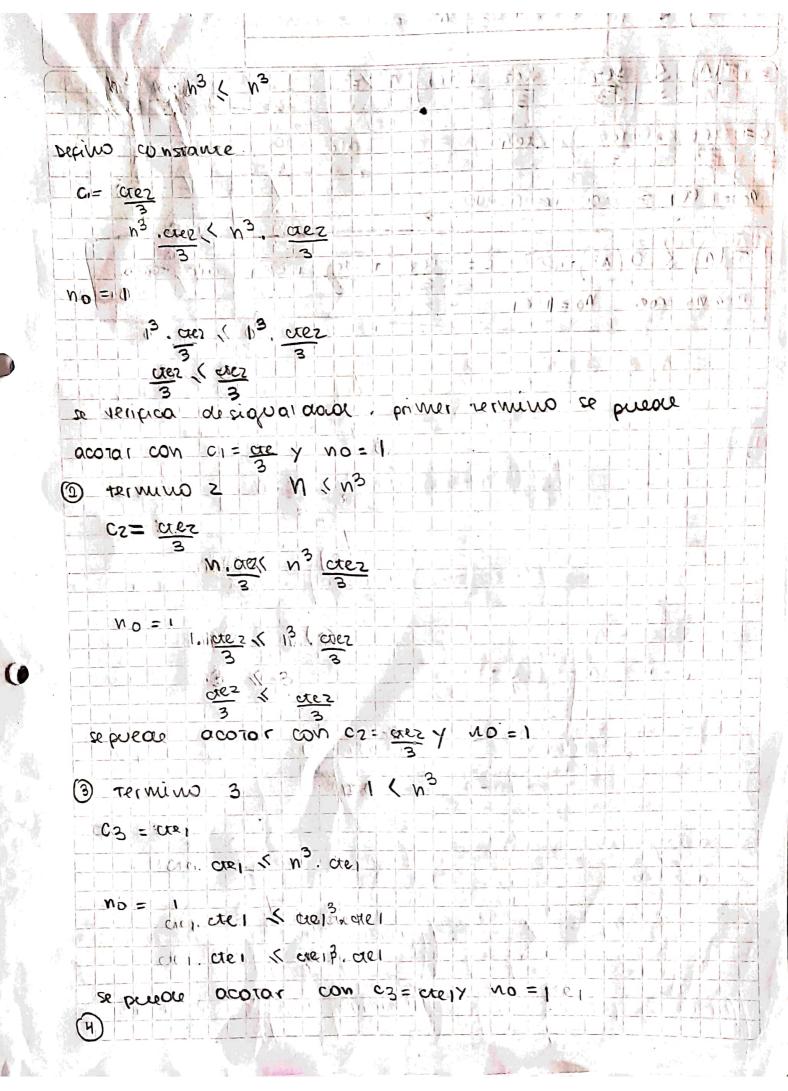
1) a)
$$te_1 + \sum_{1 \le 1}^{n-1} \left[\sum_{j=i+1}^{n} \left[\sum_{k=1}^{j} \alpha e_k z_{k} \right] \right] = \sum_{1 \le i+1}^{n} \left[\sum_{j=i+1}^{n} \left[\sum_{j=i$$

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$$+ (M-1) * N$$
= $\alpha e_1 + \alpha e_2 \cdot ([(n-1), (\frac{n(n+1)}{2})] - (\frac{1}{2} \cdot ([n^2-n], (\frac{n-1}{2}) + \frac{n^2-n}{2})] =$
= $\alpha e_1 + \alpha e_2 \cdot ([(n-1), \frac{n^2+n}{2}] - (\frac{1}{2} \cdot ([n^2-n], (\frac{nn}{2}) + \frac{n^2-n}{2}))] =$
= $\alpha e_1 + \alpha e_2 \cdot (((n-1), \frac{n^2+n}{2}) - (\frac{1}{2} \cdot (2n^3 - 3n^2 + n + \frac{n^2-n}{2})) =$
= $\alpha e_1 + \alpha e_2 \cdot ([\frac{n^3-n}{2}] - (\frac{n^3-n}{6})) =$
= $\alpha e_1 + \alpha e_2 \cdot ([\frac{n^3-n}{3}] - (\frac{n^3-n}{6})) =$
= $\alpha e_1 + \alpha e_2 \cdot ([\frac{n^3-n}{3}] - (\frac{n^3-n}{6})) =$
= $\alpha e_1 + \alpha e_2 \cdot ([\frac{n^3-n}{3}] - (\frac{n^3-n}{3})) =$
= $\alpha e_1 + \alpha e_2 \cdot ([\frac{n^3-n}{3}] - (\frac{n^3-n}{3})) =$
= $\alpha e_1 + \alpha e_2 \cdot ([\frac{n^3-n}{3}] - (\frac{n^3-n}{3})) =$
= $\alpha e_1 + \alpha e_2 \cdot ([\frac{n^3-n}{3}] - (\frac{n^3-n}{3})) =$
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= $\alpha e_1 + \alpha e_2 \cdot ([\frac{n^3-n}{3}] - (\frac{n^3-n}{3}) =$
= $\alpha e_1 + \alpha e_2 \cdot ([\frac{n^3-n}{3}] - (\frac{n^3-n}{3}) =$

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Ctez aez + cre1 es EOMO pelimemo principal de grade 3 colficiento 06 DIMOSTRACION NB M aez ctel on in asoon para sevario avalisis 121



$$T(n) \leq (c_1 + c_2 + c_3) n^3 =$$

$$= T(n) \leq \frac{c_1 + c_2}{3} + \frac{c_1 + c_2}{3} + \frac{c_2}{3} + \frac{c_3}{3}$$

$$C = \frac{c_1 + c_2}{3} + \frac{c_2}{3} + \frac{c_3}{3} +$$