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

Escaneado con CamScanner

+
$$((n-1) + n)$$
 = $\frac{1}{2}$ =

N3 (N3 Digino constance C = 3 n3.3 (N3.3 no = 1 13.3 (13.3 3 (3 a ventra di siqual dade. primer rermino se puede acoral con c1 = 3 y no=1 1 termino 2 N (n3 C2= 3 N.3 (N3 (-3) No=1 1(3) < 13(-3) -3 1-3 se puede acotor con cz: 3 y no=1 3 Termino 3 cre (n3 C3 = 3 $3 < n^3.3$ No = 3 < 1.3 3 (3 ocotor con c3=3 so prieces

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

$$= T(n) \leq 6 n^3$$

$$T(n) \leq 0 n^3$$

$$T(n) \leq 0 (n^3), com c = 6$$

$$Vo = 1.$$

$$Prepura r$$