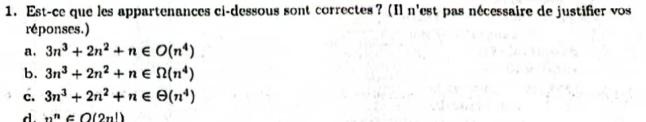
Algorithmique (AL5) Contrôle Continu nº 1 : Groupe 1



a.
$$3n^3 + 2n^2 + n \in O(n^4)$$

b.
$$3n^3 + 2n^2 + n \in \Omega(n^4)$$

c.
$$3n^3 + 2n^2 + n \in \Theta(n^4)$$

d.
$$n^n \in O(2n!)$$

e.
$$n^n \in \Omega(2n!)$$

f.
$$n^n \in \Theta(2n!)$$