

## 41- Conster Priority1-

	TI	T2	T3
CI	0	53	10
C2	0		60
<b>C3</b>	0	16	6.
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N=0+53+1+16+10+60+0

$$n = (\frac{1}{140})(53+60+16) = 0.9214$$



(Firel)
5) 1- Average Chaster Purity (ACP).
1 +2: 01 02: 03 (Theoretical)
(2:5 ×15,×2)
© t3:- m1, m2, m3
@ el:- cl, c2
© e2:- 11, 22, 23, c3 (Emperical)
© e3:- ml, m2
© e4:- c4
○ Emperical Clusters 1-
e1 e2 e3 e4
(c1, c2) (Q1, Q2, Q3, c3) (m1, m2) (C4)
• Theoratical Clustery-
• Theoratical Clusters-
4.5
t1 t2 11.t3
t1 t2 11.t3
(c1, c2, c3, c4) $(21, 22, 23)$ $(m1, m2, m3)$
t1 t2 t3 (c1, c2, c3, c4) (1, 22, 23) (m1, m2, m3) Foo (el) 上
t1 $t2$ $(c1, c2, c3, c4)$ $(21, 22, 23)$ $(m1, m2, m3)$ For (e) $(a)$ $(a$
$t_1$ $(c_1, c_2, c_3, c_4)$ $(a_1, a_2, a_3)$
t1 $t2$ $(c1, c2, c3, c4)$ $(21, 22, 23)$ $(m1, m2, m3)$ For (e) $(a)$ $(a$

## For (2) -

(2) => (2) 2 (2) = 
$$3^2/4 =$$
 (2.25)

$$=$$
)  $e^2 = 2.5$ 

## For (e3)-

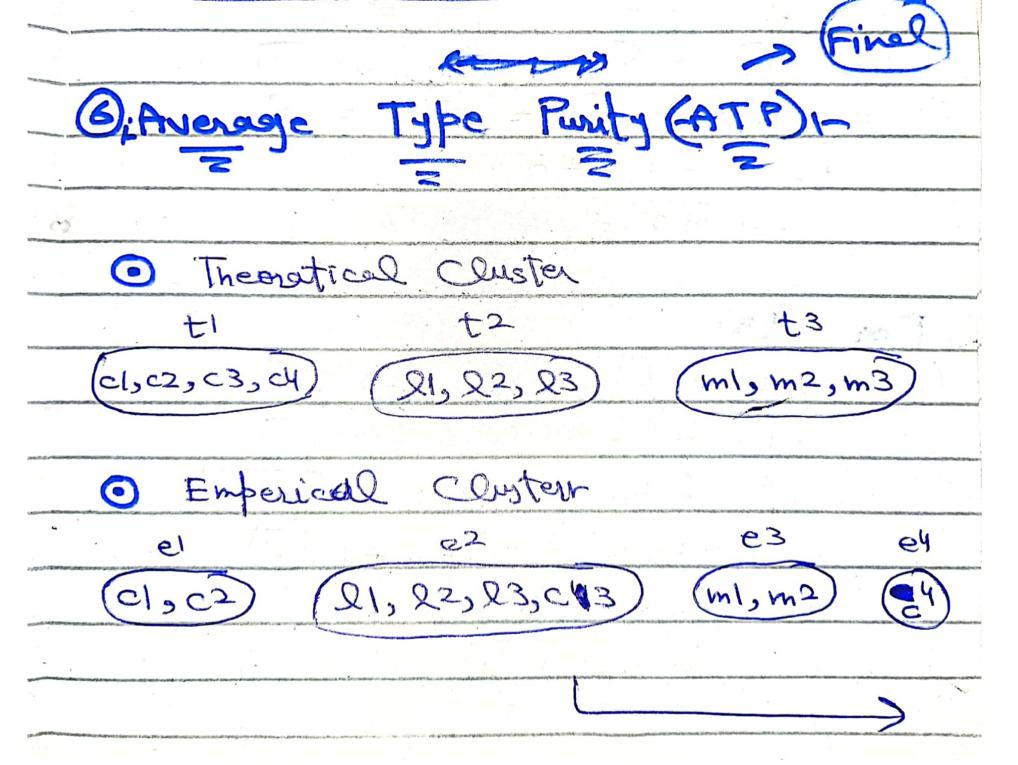
(1) =) (e3) & (t1) = 
$$0^2/2 =$$
) (o)

$$\Rightarrow$$
  $e^3 = 2$ 

## Fox (e4) -

$$\frac{ACP}{2} = \frac{1}{2} = \frac{$$

$$ACP = \left(\frac{1}{9}\right)\left[\frac{22+2.5+2+1}{9}\right]$$



For (t1)1-

D= D20= 2/4 = 1

 $(2) = (1) 2 (2) = 1^2/4 = (0.25)$ 

(3) => (+1) & (3) = 0<sup>2</sup>/4 = (0)

(9) =) (t) 2 (eq) = 12/4 = (d.25

t1 = 1+0.25+0+0.25

=) [t] = 1.5

For (t2)

(1) => (+2) & (e) = 0 = 0 => (e)

(2) => (1) A (2) = 3 /3 => (3)

(3) => (2) & (3) = 0 /3 => (0)

(4) => (2) & (3) => (3)

t2 = 0 + 3 + 0 + 0=) [t2 = 3]

For (t3)

(1) => (E) & (E) = 0<sup>2</sup>/3 => [0

(D =) (3) 2 (2) = 02/3 => [0]

(3) => (73) 2 (3) = 22/3 => (1.33)

(9) => (+3) & (9) = 0<sup>2</sup>/3 => (0)

+3 = 0+0+1.33+0

⇒ [±3 ≥ 1.33]

ATP = 
$$\begin{pmatrix} 1 \\ 2 \end{pmatrix}$$
  $\begin{pmatrix} 1 \\ 2 \end{pmatrix}$   $\begin{pmatrix} 1 \\ 3 \end{pmatrix}$   $\begin{pmatrix} 1 \\ 2 \end{pmatrix}$   $\begin{pmatrix} 1 \\ 2 \end{pmatrix}$   $\begin{pmatrix} 1 \\ 4 \end{pmatrix}$ 

