| | V_1 | V_2 | V_3 |
Características	CIC	ESCOM	ESIA
estacionamientos	2	1	3
pozo de iluminación	1	0	0
niveles	3	3	4
patios centrales	0	1	0

$V_1 = [2, 1, 3, 0]$

$V_2 = [1, 0, 3, 1]$

$V_3 = [3, 0, 4, 0]$

$V_1 \cdot V_2 = [2, 0, 9, 0] = 11$
$V_1 \cdot V_3 = [6, 0, 12, 0] = 18$
$V_2 \cdot V_3 = [3, 0, 12, 0] = 15$

$$\text{similitud}(A,B) = \cos\theta = \frac{\vec{A} \cdot \vec{B}}{\|\vec{A}\| \, \|\vec{B}\|} = \frac{\sum_{i=1}^{n} A_i B_i}{\sqrt{\sum_{i=1}^{n} A_i^2} \, \sqrt{\sum_{i=1}^{n} B_i^2}}$$

$\text{similitud}(V_1, V_2) = \cos\theta = \dfrac{11}{(3.741)(3.316)}$

$\underline{\cos\theta = 0.886}$

$V_1 = \sqrt{2^2 + 1^2 + 3^2 + 0^2} = 3.741$

$V_2 = \sqrt{1^2 + 0^2 + 3^2 + 1^2} = 3.316$

$V_3 = \sqrt{3^2 + 0^2 + 4^2 + 0^2} = 5$

$\text{similitud}(V_1, V_3) = \cos\theta = \dfrac{18}{(3.741)(5)}$

$\underline{\cos\theta = 0.962}$

$\text{similitud}(V_2, V_3) = \cos\theta = \dfrac{15}{(3.316)(5)}$

$\underline{\cos\theta = 0.904}$