| No. : | Date: |
|----------------------|--|
| Horna : Aenur Hare | im Maulia |
| cerompok: Penamban | gan Data - Ah. 4508 |
| Him ; A11. 2022 | - 14639 |
| Soal: | |
| Tentukan anggota tuo | osternya, Sika dikeionopokakan menjadi 2 telaster? |
| M1: (1,4,5) | Ms: (6, 2.3), |
| M2: (3.6.5), | M6 ; (2.5, 3.8), |
| Ms : (4,4.87, | M, : (5, 5.5) |
| My: (7.5,3.2), | |
| Titin Pusat | couster: C1 (3,4), (2(6,4) |
| Jawaban: | |
| Rumus Jaran Euclio | Mean : $d = \sqrt{((x_2 - x_1)^2 + (x_2 - x_1)^2)}$ |
| * Perhitungan sarak | re Ci(3,4): |
| i. Mi : ((1-3)2 | $+(4.5-4)^2) = \sqrt{(4+0.25)} = \sqrt{4.25} = 2.06$ |
| 2. M2: \((3-3)^2 | +(6.5-4)2) = \((0+6.25) = \(\) = \(\) = 2.50 |
| | +(4.5-4)2) = 1(1+0.25) = 1.12 = 1.12 |
| 4. My : \ ((7.5-3)2 | + (3.2-4)2) = 1(20.25 + 0.64) = 120.89 = 4.57 |
| J. M5: V((6-3)2 | +(2.3-4)2)= (9+2.89) = 11.89 = 3.45 |
| 6. M6: ((2.5-3) | 2+(3.8-4)2); 1(0.25+0.04)=10.29 = 0.54 |
| 7. M7: V((5-3)2 | + (5.5-4)2)= 1(4+2.25)=16.25=2.50 |
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No. : Date: * Perhitungan Jarak the (2 (6,4); 1. M1 = \((1-6)^2 + (4.5-4)^2) = \((25+0.25) = \sqrt{25.25} = 5.02 2. M2: \((13-6)^2+(6.5-4)^2) =\((9+6.25)=\(\sis\):3.91 3. M3= \ ((4-6)2+(4.5-4)2) = \(\frac{14+0.25}{2} = \frac{14.25}{2} = 2.06 4. Mq = \ ((7.5-67+(3.2-4)2) = \((2.25+0.64)=\(\sigma 2.89 = 1.70\) 5. M5 = \ ((6-6)2+(2.3-4)2) = \((0+2.89): \sqrt{2.89} = 1.70 6. M6 = \ ((2.5-6)2+(3.8-4) = \((12.25+0.04) = \(\sqrt{12.29} = 3.51) 7. M7: \((5-6)^2+(5.5-4)^2): \((1+2.25):\(\sigma 3.25: 1.80\) * Pengelompokan: klaster 1 (C1)= M1, M2, M3, M6, M7 triaster2 ((2): My, Ms * Sadi susunan klasternya adalah sebagai berikut · kiaster 1: {M; = (1,4.5), M2: (3,6.5), M3: (4,4.5), M6: (2.5,3.8), M= (5,5.5)} · klaster 2: {My= (7.5, 5.2), Ms= (6,2.3)}