

Lab - 9.

07/05/2025

Dit	(1, 1)	(5, 7)	
1, 1	0, 0	$\sqrt{52}$	C ₁
1.5, 2	$\sqrt{1.25}$	$\sqrt{27.25}$	C ₁
3, 4	$\sqrt{3}$	$\sqrt{13}$	C ₂
5, 7	$\sqrt{52}$	0	C ₂
3.5, 5	$\sqrt{2.5}$	$\sqrt{6.25}$	C ₂
4.5, 5	$\sqrt{2.5}$	$\sqrt{4.25}$	C ₂
3.5, 4.5	$\sqrt{18.5}$	$\sqrt{8.5}$	C ₂

$$C_1 = \left(\frac{1 + \sqrt{0.5}}{2}, \frac{1 + 2}{2} \right)$$

$$= (1.25, 1.5)$$

$$C_2 = (3.9, 5.1)$$

(4, 4)	(1.25, 1.5)	(3.9, 5.9)	cluster
(1.5, 1.5)	0.56	5.25	C1
(1.5, 2)	0.56	4.04	C2
(3, 4)	2.5	1.42	C2
(5, 7)	6.1	2.16	C2
(3.5, 5)	2.85	0.41	C2
(4.5, 5)	3.32	0.61	C2
(3.5, 4.5)	3.63	0.85	C2

$cluster = (1, 1) (1.5, 2)$
 $(3, 4) (5, 7) (2.5, 5)$
 $(4.5, 5) (3.5, 4.5)$

