

	= -5 +2-3 ₌	6
d_4	$-\frac{1-5}{\sqrt{2^2+3^2}} + \frac{3x_1}{\sqrt{2^2+3^2}}$	$\frac{\lambda_1 = -2}{\lambda_2 = +1}$
	= - 5 - 4 +3 = \sqrt{13}	6 \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
	$d_1^9 \frac{13}{\sqrt{13}}$ $d_2^9 \frac{8}{\sqrt{13}}$ $d_3^a \frac{6}{\sqrt{13}}$ $d_4^9 \frac{6}{\sqrt{13}}$	
, b.	$-\chi_1 + 4\chi_2 + 7 = 0$	α ₁ 3 α ₂ 4
d, ^b	$= \frac{ \beta_0 + \beta_1 \gamma_1 + \beta_2 \gamma_2 }{ \beta_1^2 + \beta_2^2 }$	
	$= \frac{1}{4} + ((-1) \times 3) + (4 \times 4)$ $\sqrt{(-1)^2 + (4)^2}$	1 = 17 - 3 + 16 1 20 \[\sqrt{14} \]
d,b	= <u>20</u> \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	$\gamma_1 = 2 , \gamma_2 = 3$
0	$d_{2}^{b} = \frac{1 + ((-1) \times 2) + (4 \times 4)^{2}}{\sqrt{(-1)^{2} + (4)^{2}}}$	

	$\frac{14}{\sqrt{14}}$ $\frac{1}{\sqrt{1}}$ $\frac{1}{\sqrt{1}}$ $\frac{1}{\sqrt{1}}$	
d ₃ =	$\frac{1}{1} + \frac{1}{1} + \frac{1}$	<u>2</u> \[\fi
d _y =	$\frac{1}{1} + \frac{1}{1} + \frac{1}$	
II	1 x - 3 + 4 1 _ 8 \(\int_7\) \(\int_7\) \(\int_1\) \(\int_2\) \(\int_1\) \(\int_2\) \(\int_1\) \(\int_2\) \(\int_1\) \(\int_2\) \(\int_1\) \(\int_2\) \(\int_1\)	
	$ \begin{array}{c cccccccccccccccccccccccccccccccccc$	
d ^c , =	$ \sqrt{\beta_1^2 + \beta_2^2} 7 - 3 $	
	$\sqrt{5^2 + 12^2} $	
d ₂ =	$\frac{10 + (5 \times 2) + (-12 \times 3)}{\sqrt{5^2 + 12^2}} = \frac{10 + 10 - 36}{13}$	
d ₃ =	$= \frac{16}{13}$ $10 + (5 \times 1) + (-12 \times -1) = 10 + 5 + 13 = -10$	29
3	$\frac{10 + (5 \times 1) + (-12 \times -1)}{\sqrt{5^2 + 12^2}} = \frac{10 + 5 + 13}{13} = \frac{1}{13}$	13

