

PA	RB
DRX	RNG
RG	BXN
100T	MAD
DFM	BFF
LOT	BOSUG
TCL	CHIEF

$$|(A-B)| = \sqrt{\langle A-B, A-B \rangle}$$

$$= \sqrt{\text{trace}(C^T C)}$$

$$= \sqrt{(4^2 + 1 + 10) + (10 + 36) + 1}$$

$$= \sqrt{26+1+36+1} = \sqrt{64} = \boxed{8}$$

$$C^+ = \begin{bmatrix} 4+i & 2 & -2i \\ 5 & 6 & 2 \\ 0 & 0 & 1 \end{bmatrix}$$

