



$$C_{8} = -\frac{1}{3\pi} e^{\frac{3\pi}{2}}$$

$$= -\frac{1}{3\pi} \left(\frac{90^{\circ}}{3\pi} \right) = \frac{1}{1+j3\pi}$$

$$= -\frac{1}{3\pi} \left(\frac{90^{\circ}}{3\pi} \right) = \frac{1}{1+j5\pi}$$

$$= \frac{1}{5\pi} e^{\frac{3\pi}{2}}$$

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$$= \frac{1}{5\pi} e^{\frac{3\pi}{2}} e^{\frac{3\pi}{2}}$$

$$= \frac{1}{1+j5\pi} e^{\frac{3\pi}{2}}$$

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