

EX: Evaluate $\left[\frac{(6 - j2)e^{j35^\circ}}{(4 + j5)\sin(x)} \right]^*$ where x is real

ANS: $\left[\frac{(6 + j2)e^{-j35^\circ}}{(4 - j5)\sin(x)} \right]^*$

SOL'N: Change each j to $-j$. Thus, $-j$ becomes $-(-j) = j$.