## EECS 212

## SP 14-G

For the parallel and series RC networks shown below:
a) For given values of $C_{\mathrm{p}}$ and $R_{\mathrm{p}}$, find the values of $C_{\mathrm{s}}$ and $R_{\mathrm{s}}$ that make the impedances/admittances of the two networks identical for a given value of $\omega$.
b) Show that the $Q$ s of these two networks are the same at that value of $\omega$.


