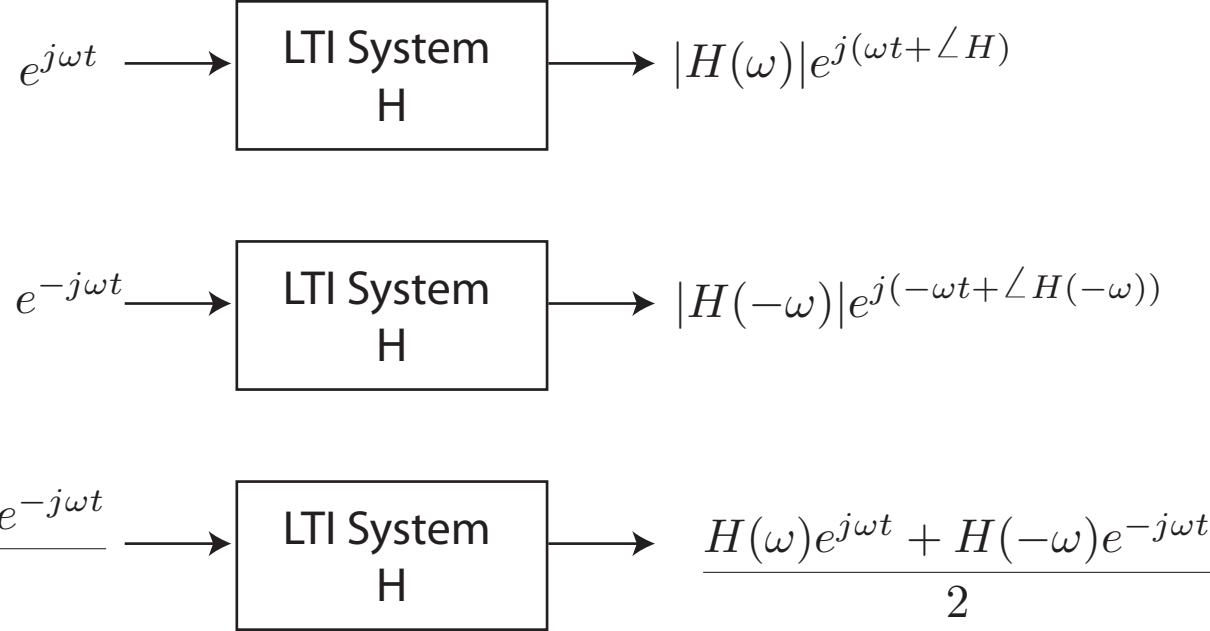
$e^{j\omega t}$
LTI System
H
$|H(\omega)|e^{j(\omega t+\angle H)}$
$e^{-j\omega t}$
LTI System
H
$|H(-\omega)|e^{j(-\omega t+\angle H(-\omega))}$
$cos(\omega t) = \frac{e^{j\omega t}+e^{-j\omega t}}{2}$
LTI System
H
$\frac{H(\omega)e^{j\omega t}+H(-\omega)e^{-j\omega t}}{2}$