2015 P10 4(1) glad
$$f(w) = \int_{-\infty}^{\infty} g(t) e^{-i\omega t} dt = \int_{-\infty}^{\infty} e^{-i\omega t} dt = \int_{-\infty}^{\infty}$$

$$\frac{2015 \text{ product}}{\text{(1)}} \int_{0}^{\infty} (\omega) e^{2i\omega t} d\omega = \frac{1}{2\pi} \int_{-\infty}^{\infty} 2(1 + \varepsilon \omega^{2}) e^{2i\omega t} d\omega = \frac{1}{4\pi} \int_{-\infty}^{\infty} 2(1 + \varepsilon \omega^{2}) e^{2i\omega t} d\omega = \frac{1}{4\pi} \int_{-\infty}^{\infty} 2(1 + \varepsilon \omega^{2}) e^{2i\omega t} d\omega = \frac{1}{4\pi} \int_{-\infty}^{\infty} 2(1 + \varepsilon \omega^{2}) e^{2i\omega t} d\omega = \frac{1}{4\pi} \int_{-\infty}^{\infty} 2(1 + \varepsilon \omega^{2}) e^{2i\omega t} d\omega = \frac{1}{4\pi} \int_{-\infty}^{\infty} 2(1 + \varepsilon \omega^{2}) e^{2i\omega t} d\omega = \frac{1}{4\pi} \int_{-\infty}^{\infty} 2(1 + \varepsilon \omega^{2}) e^{2i\omega t} d\omega = \frac{1}{4\pi} \int_{-\infty}^{\infty} 2(1 + \varepsilon \omega^{2}) e^{2i\omega t} d\omega = \frac{1}{4\pi} \int_{-\infty}^{\infty} 2(1 + \varepsilon \omega^{2}) e^{2i\omega t} d\omega = \frac{1}{4\pi} \int_{-\infty}^{\infty} 2(1 + \varepsilon \omega^{2}) e^{2i\omega t} d\omega = \frac{1}{4\pi} \int_{-\infty}^{\infty} 2(1 + \varepsilon \omega^{2}) e^{2i\omega t} d\omega = \frac{1}{4\pi} \int_{-\infty}^{\infty} 2(1 + \varepsilon \omega^{2}) e^{2i\omega t} d\omega = \frac{1}{4\pi} \int_{-\infty}^{\infty} 2(1 + \varepsilon \omega^{2}) e^{2i\omega t} d\omega = \frac{1}{4\pi} \int_{-\infty}^{\infty} 2(1 + \varepsilon \omega^{2}) e^{2i\omega t} d\omega = \frac{1}{4\pi} \int_{-\infty}^{\infty} 2(1 + \varepsilon \omega^{2}) e^{2i\omega t} d\omega = \frac{1}{4\pi} \int_{-\infty}^{\infty} 2(1 + \varepsilon \omega^{2}) e^{2i\omega t} d\omega = \frac{1}{4\pi} \int_{-\infty}^{\infty} 2(1 + \varepsilon \omega^{2}) e^{2i\omega t} d\omega = \frac{1}{4\pi} \int_{-\infty}^{\infty} 2(1 + \varepsilon \omega^{2}) e^{2i\omega t} d\omega = \frac{1}{4\pi} \int_{-\infty}^{\infty} 2(1 + \varepsilon \omega^{2}) e^{2i\omega t} d\omega = \frac{1}{4\pi} \int_{-\infty}^{\infty} 2(1 + \varepsilon \omega^{2}) e^{2i\omega t} d\omega = \frac{1}{4\pi} \int_{-\infty}^{\infty} 2(1 + \varepsilon \omega^{2}) e^{2i\omega t} d\omega = \frac{1}{4\pi} \int_{-\infty}^{\infty} 2(1 + \varepsilon \omega^{2}) e^{2i\omega t} d\omega = \frac{1}{4\pi} \int_{-\infty}^{\infty} 2(1 + \varepsilon \omega^{2}) e^{2i\omega t} d\omega = \frac{1}{4\pi} \int_{-\infty}^{\infty} 2(1 + \varepsilon \omega^{2}) e^{2i\omega t} d\omega = \frac{1}{4\pi} \int_{-\infty}^{\infty} 2(1 + \varepsilon \omega^{2}) e^{2i\omega t} d\omega = \frac{1}{4\pi} \int_{-\infty}^{\infty} 2(1 + \varepsilon \omega^{2}) e^{2i\omega t} d\omega = \frac{1}{4\pi} \int_{-\infty}^{\infty} 2(1 + \varepsilon \omega^{2}) e^{2i\omega t} d\omega = \frac{1}{4\pi} \int_{-\infty}^{\infty} 2(1 + \varepsilon \omega^{2}) e^{2i\omega t} d\omega = \frac{1}{4\pi} \int_{-\infty}^{\infty} 2(1 + \varepsilon \omega^{2}) e^{2i\omega t} d\omega = \frac{1}{4\pi} \int_{-\infty}^{\infty} 2(1 + \varepsilon \omega^{2}) e^{2i\omega t} d\omega = \frac{1}{4\pi} \int_{-\infty}^{\infty} 2(1 + \varepsilon \omega^{2}) e^{2i\omega t} d\omega = \frac{1}{4\pi} \int_{-\infty}^{\infty} 2(1 + \varepsilon \omega^{2}) e^{2i\omega t} d\omega = \frac{1}{4\pi} \int_{-\infty}^{\infty} 2(1 + \varepsilon \omega^{2}) e^{2i\omega t} d\omega = \frac{1}{4\pi} \int_{-\infty}^{\infty} 2(1 + \varepsilon \omega^{2}) e^{2i\omega t} d\omega = \frac{1}{4\pi} \int_{-\infty}^{\infty} 2(1 + \varepsilon \omega^{2}) e^{2i\omega t} d\omega = \frac{1}{4\pi} \int_{-\infty}^{\infty} 2(1 + \varepsilon \omega^{2}) e^{2i\omega t} d\omega = \frac{1}{4\pi} \int_{-\infty}^{\infty} 2(1 + \varepsilon \omega^{2}) e^{2i\omega t} d\omega = \frac{1}{4\pi} \int_{-\infty}^{\infty} 2(1 + \varepsilon \omega^{2}) e^{2i\omega t} d\omega = \frac{1}{4\pi} \int_{-\infty}^{\infty} 2(1 + \varepsilon \omega^{2}) e^{2i\omega t} d\omega = \frac{1}{4\pi} \int_{-\infty}^{\infty} 2(1 + \varepsilon \omega^{2}) e$$