[.,
$$\Pi$$
] $= \frac{2h}{h} \left[f_{10}^{1} - f_{11}^{1} + f_{12}^{1} - f_{12}^{2} + f_{12}^{1} + f_{12}^$

$$F_{s} \left\{ f' \right\} = \frac{7}{R} \int_{0}^{R} f'(n) \sin(nn) dn$$

$$= \frac{7}{R} \left[f \sin(nn) \Big|_{0}^{R} - n \int_{0}^{R} f \cos(nn) dn \right]$$

$$= -n F_{c} \left\{ f \right\}$$

$$F_{c}\left\{f'\right\} = \frac{\gamma}{\pi} \int_{0}^{\pi} f'(n) \cos(n\pi) d\pi$$

$$= \frac{\gamma}{\pi} \left[f\cos(n\pi) \Big|_{0}^{\pi} + n \int_{0}^{\pi} f\sin(n\pi) d\pi \right]$$

$$= \frac{\gamma}{\pi} \left[(-1)^{n} f(\pi) - f(0) \right] + n F_{s}\left\{f\right\}$$

