Manna Sir SN

13 September 2023 10:37 PM

$$\frac{1}{2} \frac{d}{dn} \left(\tilde{x}^{n} J_{n}(n) \right) = -\tilde{x}^{n} J_{n+1}(n) dn + C$$

$$\tilde{x}^{n} J_{n}(n) = \int_{-\tilde{x}^{n}} J_{n+1}(n) dn + C$$

$$= \int_{-\tilde{x}^{n}} J_{n}(n) - \int_{-\tilde{x}^{n}} J_{n}(n) - \int_{-\tilde{x}^{n}} J_{n}(n) dn$$

$$= \int_{-\tilde{x}^{n}} J_{n}(n) - \int_{-\tilde{x}^{n}} J_{n}(n) + \int_{-\tilde{x}^{n}} J_{n}(n) dn$$

$$= \int_{-\tilde{x}^{n}} J_{n}(n) + \int_{-\tilde{x}^{n}} J_{n}(n) dn$$

2)
$$n^2 J_0 J_1 = n J_0 n J_1$$

$$= (n J_1) \frac{d}{dn} (n J_1)$$

$$F_{8n}(I), y_{1} can be express as$$

$$F_{8n}(I)$$