$$\frac{D}{S} \frac{NS}{N} = \frac{1}{\sqrt{1 + 1}} \frac{D}{M} \frac{N}{N} = \frac{1}{\sqrt{1 + 1}} \frac{D}{N} \frac{D}{N} \frac{D}{N} = \frac{1}{\sqrt{1 + 1}} \frac{D}{N} \frac{D}{N} \frac{D}{N} = \frac{1}{\sqrt{1 + 1}} \frac{D}{$$

$$f(x) = \int_{0}^{\infty} J_{0}(y) J_{0}(x-y) dy$$

$$k(t) = \int_{0}^{\infty} (p) \frac{p(p)}{k(p)}$$

$$f(p) = \frac{p(p)}{k(p)}$$

$$f(x) = \int_{0}^{\infty} J_{0}(y) J_{0}(x-y) dy$$

$$f(x) = \int_{0}^{\infty} J_{0}(y) J_{0}(x-y) dy$$

$$f(t) = J_{0}(t) \qquad f(p) = \int_{0}^{\infty} J_{0}(p) \int_{0}^{\infty} k(p) \int_{0}^{\infty} k(p) \int_{0}^{\infty} k(p) \int_{0}^{\infty} J_{0}(p) \int_$$

$$\varphi(x) = \int_{c-i\infty}^{i+1} \frac{1}{\sqrt{p^2+1}} - \frac{1}{p^2+1}$$

$$= \int_{c-i\infty}^{i+1} \frac{1}{\sqrt{p^2+1}} + \frac{1}{p^2+1}$$

$$= \int_{c-i\infty}^{i+1} \frac{1}{p^2+1} + \frac{1}{p^2+1}$$

$$= \int_{c-i\infty}^{i+1} \frac{1}{p^2+1}$$

$$= \int_{c-i\infty}^{i+1} \frac{1}{p^2+$$

1 10 8(4-9) in (0) = 100 Sar Inter Ilar one Sugar = Sugar Jda s(u-a) soe = 10 wildo son sign (en) Ilar)e in-3)a $= \sum_{n=0}^{\infty} \frac{\mathcal{E}(k-q)}{n} = \int_{-\infty}^{\infty} \frac{1}{n} \int_{-\infty}^{\infty} \int_{-\infty}^{\infty} \frac{\mathcal{E}(k-q)}{n} \int_{-\infty}^{\infty} \int_{-\infty}^{\infty} \frac{1}{n} \int_{-\infty}$ 1 (k-9) = 5 J; (up) J, (gr) n dr 1 20T Snj Nq $f(r) = exp(-p^2r^2)$ $\widehat{f}(q) = \int r \int_{0}^{\infty} (qr) \exp(-p^{2}r^{2}) dr$ $y_0(qn) = \frac{1}{2\pi} \int \exp(iqr\sin\theta) d\theta$ $\widehat{f}(q) = \frac{1}{2\pi} \int_{-\pi}^{\pi} d\theta \int_{-\pi}^{\pi} expliq r \sin\theta - p^2 r^2 dr = \int_{-\pi}^{\pi} r \cdot \sin\theta = g$ = 1 [] dx dy exp (iqy - (x2+y2)r2) = Parling of John Holling = $\frac{1}{2\pi} \int dy \exp(-r^2y^2 + iqy) \int dx \exp(-x^2r^2) = \frac{1}{4r^2}$ $=\frac{\sqrt{2\pi}}{2\pi}\int_{-\infty}^{\infty}dy\exp\left(-\left(r^{2}y^{2}-iqy\right)\right)=\frac{\sqrt{\pi}}{2r^{2}}\cdot e^{\frac{qy}{4n^{2}}}$