$$H = \dots + A_s(x, y),$$

$$A_s(x, y) = \sum_{k,n=0}^{\infty} g_{kn} \frac{Kn + iSKn}{(n+1)!} (\rho + x)^{1/2-k} \times \frac{(x+iy)^{n+k}}{\sqrt{\rho}},$$
with $g_{kn} \equiv -\frac{(2k-1)!!(2k-3)!!(n+1)!}{8^k(n+k+1)!k!},$

$$\rho \equiv \frac{L}{m^{-1}}.$$

(159)