

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

$$A_s(x,y) = \sum_{k,n=0}^\infty g_{kn} \frac{\mathbb{K}n + i\mathbb{S}\mathbb{K}n}{(n+1)!} (\rho+x)^{1/2-k} \times \frac{(x+iy)^{n+k}}{\sqrt{\rho}}\,,$$

$$\text{with } g_{kn} \equiv -\frac{(2k-1)!!(2k-3)!!(n+1)!}{8^k(n+k+1)!k!}\,,$$

$$\rho \equiv \frac{\mathsf{L}}{\mathsf{ANGLE}}\,.$$