

$$\frac{1}{2} \int_{dx}^{-1|1} {}^x\gamma = \sum_m {}^0\widehat{\partial^{2m}\gamma} \frac{1}{(2m+1)!}$$

$${}^x\gamma = \sum_n \frac{x^n}{n!} {}^0\widehat{\partial^n\gamma}$$

$$\int_{dx}^{-1|1} {}^x\gamma = \sum_n {}^0\widehat{\partial^n\gamma} \int_{dx}^{-1|1} \frac{x^n}{n!} = \sum_n {}^0\widehat{\partial^n\gamma} \left. \frac{x^{n+1}}{(n+1)!} \right|_1^1 = \sum_m {}^0\widehat{\partial^{2m}\gamma} \left. \frac{x^{2m+1}}{(2m+1)!} \right|_1^1 = 2 \sum_m {}^0\widehat{\partial^{2m}\gamma} \frac{1}{(2m+1)!}$$