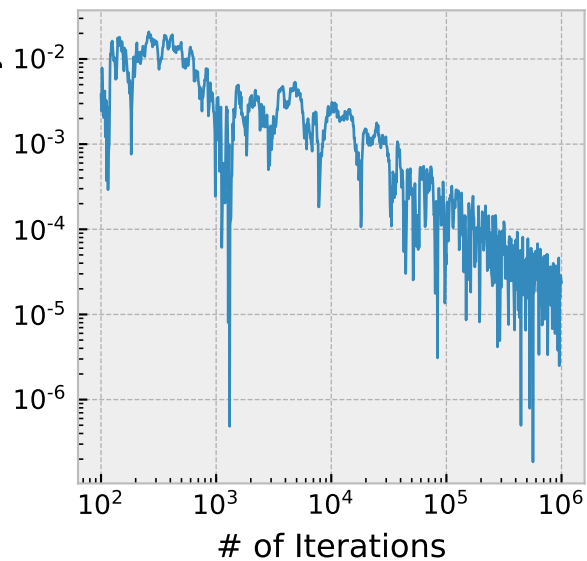


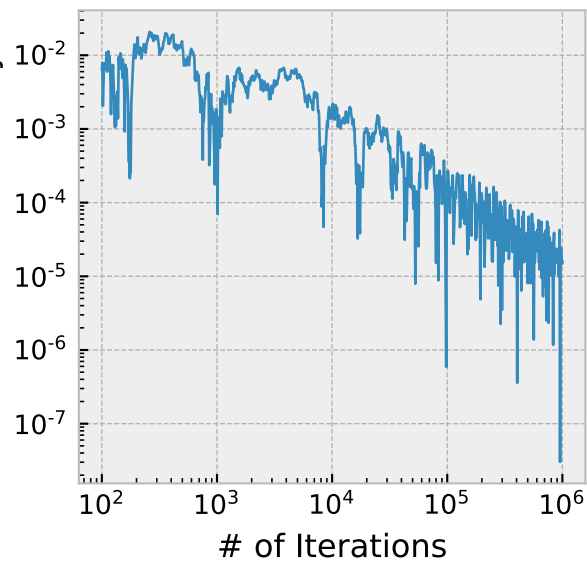
$$\int_0^1 x^2 dx$$

Error between MC and Analytical



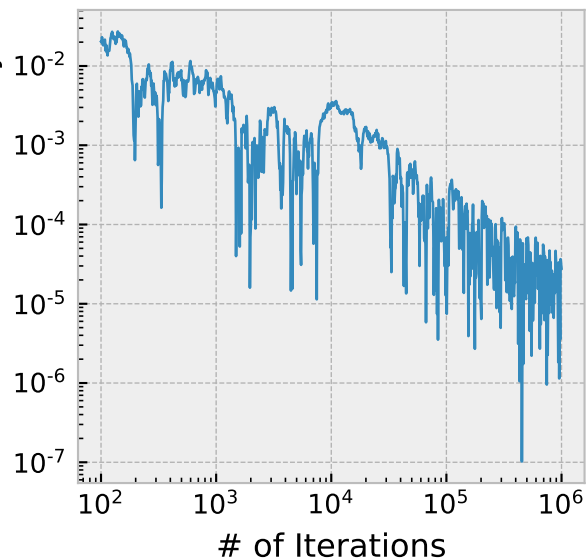
$$\int_0^1 x^3 dx$$

Error between MC and Analytical



$$\int_0^1 \sin(x) dx$$

Error between MC and Analytical



$$\int_0^1 e^x dx$$

Error between MC and Analytical

