

1.  $\int \frac{\ln^2 x}{x} dx$
2.  $\int \frac{1}{x^2} \cos \frac{1}{x} dx$
3.  $\int \frac{x dx}{(1-x^2)^2}$
4.  $\int x e^{-x^2} dx$
5.  $\int x \sqrt{1+x} dx$
6.  $\int \frac{dx}{x \ln x \ln \ln x}$
7.  $\int \frac{\sin \sqrt{x}}{\sqrt{x}} dx$
8.  $\int \frac{x dx}{x^4 + 6x^2 + 5}$
9.  $\int \frac{e^x dx}{\sqrt{4-e^x}}$
10.  $\int x^2 \sqrt{x^3+1} dx$