$\boxed{1}$ $\displaystyle\int_0^{2\pi} \tan(\cos(x))\, dx$

$\boxed{2}$ $\displaystyle\int \frac{x+1}{x(x+\log x)}\, dx$

$\boxed{3}$ $\displaystyle\int e^{x+e^x} + e^{x-e^x}\, dx$

$\boxed{4}$ $\displaystyle\int_{-1/2}^{1/2} \frac{dx}{1-x^2}$

$\boxed{5}$ $\displaystyle\int_0^2 2^{\log x}\, dx$

$\boxed{6}$ $\displaystyle\int_{-2\pi}^{2\pi} (\cos 3x + \sin 2x)(-\sin 2019x + \cos 3x)\, dx$

$\boxed{7}$ $\displaystyle\int \cos x \cdot \cos \sin x \cdot \cos \sin \sin x\, dx$

$\boxed{8}$ $\displaystyle\int_0^\infty \frac{e^{-\frac{2019}{4t^2}}}{t^2}\, dt$

$\boxed{9}$ $\displaystyle\int \sin(\sqrt{x})\, dx$

$\boxed{10}$ $\displaystyle\int_0^1 \frac{\sqrt{x}}{1+x}\, dx$

11 $\displaystyle\int_0^{2\pi} \cos(x)\cos(2x)\cos(3x)\ dx$

12 $\displaystyle\lim_{n\to\infty} \int_{-\infty}^{\infty} e^{-x^{2n}}\ dx$

13 $\displaystyle\int_0^e x^{\frac{1}{\log x}}\ dx$

14 $\displaystyle\int_0^{\pi/100} \frac{\sin(20x)+\sin(19x)}{\cos(20x)+\cos(19x)}\ dx$

15 $\displaystyle\int (e^x\cos^2(x) + e^x\cos(x)\sin(x) - e^x\sin^2(x))\ dx$

16 $\displaystyle\int_0^{\pi/2} \frac{\sin x}{\sin(x+\pi/4)}\ dx$

17 $\displaystyle\int \frac{dx}{x+\sqrt[3]{x}}$

18 $\displaystyle\int_0^2 x^{x^2+1}(2\log(x)+1)dx$

19 $\displaystyle\int \frac{2x^3-1}{x(x^3+1)}\ dx$

20 $\displaystyle\int \cos(\arctan(x))\ dx$