

$$\boxed{1} \quad x \mapsto x^3 + 5x^2 + 3x$$

$$\boxed{14} \quad x \mapsto x^x$$

$$\boxed{2} \quad y \mapsto \ln(4y^2 + 5y + 1)$$

$$\boxed{15} \quad y \mapsto y^{\frac{1}{y}}$$

$$\boxed{3} \quad y \mapsto \sqrt{1 - y^2}$$

$$\boxed{16} \quad t \mapsto \frac{1}{\sqrt{1 + t^2}}$$

$$\boxed{4} \quad s \mapsto s \ln(s)$$

$$\boxed{17} \quad t \mapsto \frac{t}{\sqrt{1 + t^2}}$$

$$\boxed{5} \quad t \mapsto \frac{1 - t^2}{1 + t^2}$$

$$\boxed{6} \quad s \mapsto \sin(2s) + 2 \sin(s)$$

$$\boxed{18} \quad x \mapsto e^{\sqrt{x}}$$

$$\boxed{7} \quad s \mapsto \cos(2t) - 2 \cos(t)$$

$$\boxed{19} \quad \arccos(\cos^2 - \sin^2)$$

$$\boxed{8} \quad t \mapsto \frac{t^2 + 3t}{t^2 - 3t + 2}$$

$$\boxed{20} \quad \arcsin + \arccos$$

$$\boxed{9} \quad t \mapsto \cos^3(t) - \frac{1}{4} \cos(3t)$$

$$\boxed{21} \quad y \mapsto \arctan(y) + \arctan\left(\frac{1}{y}\right)$$

$$\boxed{10} \quad \cotan = \frac{\cos}{\sin}$$

$$\boxed{22} \quad \lambda \mapsto \left(\frac{1}{1 + \lambda^2}\right)^\lambda$$

$$\boxed{11} \quad x \mapsto \ln(1 + e^x)$$

$$\boxed{12} \quad t \mapsto \sqrt{1 - \frac{1}{t}}$$

$$\boxed{23} \quad s \mapsto \arctan\left(\frac{1 + s}{1 - s}\right)$$

$$\boxed{13} \quad -\ln|\cos|$$

$$\boxed{24} \quad \tan(\arcsin + \arccos)$$