

$$\begin{aligned}
 Cy &= \sin(Cx). \quad Cy' = C \cos(Cx). \quad y' = \cos(Cx). \quad 1 - C^2 y^2 = 1 - \sin^2(Cx) = \cos^2(Cx) = \\
 &= (y')^2. \quad C^2 = \frac{(1 - (y')^2)}{y^2}. \quad y' = \cos(Cx) = \cos(|C|x) = \cos(x\sqrt{C^2}) = \cos\left(\frac{x\sqrt{1 - (y')^2}}{y}\right).
 \end{aligned}$$

$$\text{Итак, } y' = \cos\left(\frac{x\sqrt{1 - (y')^2}}{y}\right).$$