

Решите уравнение:  $z^2 = i$ .

$$\begin{array}{llll} 1) z = \frac{\sqrt{2}}{2} - \frac{\sqrt{2}}{2}i & 2) z = -\frac{\sqrt{2}}{2} - \frac{\sqrt{2}}{2}i & 3) z = \frac{\sqrt{2}}{2} + \sqrt{2}i & 4) z = \sqrt{2} + \frac{\sqrt{2}}{2}i \\ 5) z = \frac{\sqrt{2}}{2} + \frac{\sqrt{2}}{2}i & 6) z = -\frac{\sqrt{2}}{2} + \frac{\sqrt{2}}{2}i & & \end{array}$$