

Решите уравнение: $z^2 = i$.

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