

Решите уравнение: $z^2 + 3z + 4 = 0$.

$$\begin{array}{llll} 1) z = -\frac{3}{2} + \frac{\sqrt{7}}{2}i & 2) z = -\frac{3}{2} - \frac{\sqrt{7}}{2}i & 3) z = \frac{3}{2} - \frac{\sqrt{7}}{2}i, & 4) z = \frac{\sqrt{7}}{2}i, \\ & 5) z = \frac{3}{2} + \frac{\sqrt{7}}{2}i, & 6) z = -2 - \frac{\sqrt{7}}{2}i, & \end{array}$$