







$$141 \quad x^2 + x\sqrt{2} - 4 \le 0$$

$$[-2\sqrt{2} \le x \le \sqrt{2}]$$

 $-4\sqrt{2} = -2\sqrt{2}$

$$\Delta = (U\bar{z})^2 - 4 \cdot 1 \cdot (-4) = 2 + 16 = 18$$

$$x_{1/2} = \frac{-\sqrt{2} \pm \sqrt{18}}{2} = \frac{-\sqrt{2} \pm 3\sqrt{2}}{2} = \frac{-2}{2}$$

$$\frac{2\sqrt{2} \pm \sqrt{2}}{2} = \sqrt{2}$$