

$$I \quad \textcircled{P} \quad (\sqrt{2}-1, 1)$$

$$\textcircled{1} \quad \frac{2\sqrt{2}-2}{a}$$

$$\textcircled{7} \quad \frac{at}{\sqrt{2}} - \frac{a^2 t^2}{4}$$

$$\textcircled{II} \quad \frac{a}{\sqrt{2}} - \frac{a^2 t}{2}$$

$$\textcircled{7} \quad \frac{(a-b)t}{\sqrt{2}} - \frac{(a^2-b^2)t^2}{4}$$

$$\textcircled{7} \quad \frac{a-b}{\sqrt{2}} - \frac{(a^2-b^2)t}{2}$$

$$\text{II} \quad \textcircled{+} \quad \frac{\pi}{4} \quad \textcircled{7} \quad \frac{1}{2} \quad \textcircled{17} \quad \frac{\pi}{4}$$

$$\textcircled{7} \quad \frac{2}{\pi} (a \cos x + b \sin x)$$

$$\textcircled{+} \quad \frac{a}{2} - \frac{b}{\pi} \quad \textcircled{= \text{7}} \quad -\frac{a}{\pi} + \frac{b}{2}$$

$$\textcircled{2} \quad \frac{\pi}{2} - 1 \quad \textcircled{e} \quad 1$$

$$\textcircled{7} \quad \frac{\pi^3 - 2\pi^2 + 4\pi}{\pi^2 - 4}$$

$$\textcircled{7} \quad \frac{4\pi^2 - 4\pi}{\pi^2 - 4}$$

$$\text{III} \quad \textcircled{\neq} 2\sqrt{2} - x \quad \textcircled{\nabla} (x - 2\sqrt{2})^2 + (y - 2\sqrt{2})^2 = 16$$

$$\textcircled{\neq} 2 \quad \textcircled{\vdash} |w - 4| = 4$$

$$\textcircled{+} 2 + 2\sqrt{3}i \quad \textcircled{=} -2 + 2\sqrt{3}i$$

$$\text{IV } \textcircled{\times} \left(\frac{1}{\sqrt{1+m^2}}, \frac{m}{\sqrt{1+m^2}} \right) \quad \textcircled{\neq} \frac{u+mv}{\sqrt{1+m^2}}$$

$$\textcircled{1} \frac{a-a^2}{b} \quad \textcircled{11} 1-a \quad \textcircled{E} \frac{1-a}{b}$$

$$\textcircled{7} 0 < a < 1 \quad \textcircled{\wedge} \begin{pmatrix} a & \sqrt{a(1-a)} \\ \sqrt{a(1-a)} & 1-a \end{pmatrix}$$