

$$\cos^2(P/3 - 7x) = \frac{1}{2}$$

$$x^2 = \frac{1}{2}$$

$$x = \sqrt{2}/2 \quad x = -\sqrt{2}/2$$

$$\cos(P/3 - 7x) = \sqrt{2}/2$$

$$\cos(y) = \sqrt{2}/2$$

$$y = \pm P/4 + 2Pk$$

$$- 7x = -P/3 + \pm P/4 + 2Pk$$

$$x = P/21 \rightarrow P/28 - 2Pk/7$$

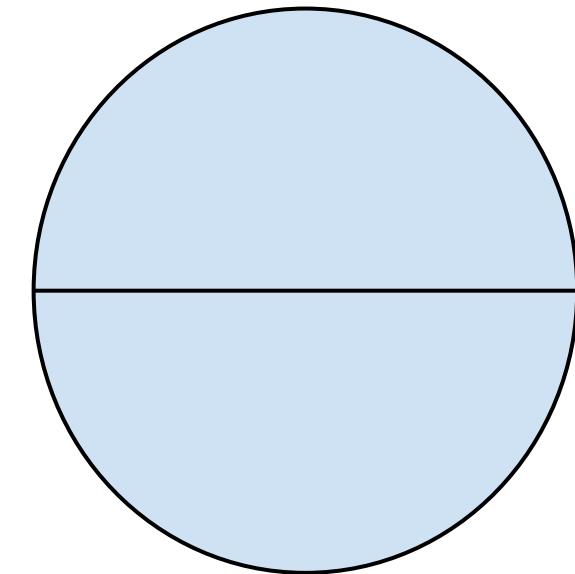
$$\cos(y) = -\sqrt{2}/2$$

$$y = \pm 3P/4 + 2Pk$$

$$- 7x = -P/3 + \pm 3P/4 + 2Pk$$

$$x = P/21 \rightarrow 3P/28 - 2Pk/7$$

$$f^2 = g$$



Ответ:  $\{P/21 \rightarrow P/28 - 2Pk/7\} \cup \{P/21 \rightarrow 3P/28 - 2Pk/7\}, k \in \mathbb{Z}$

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$$\cos^2 x = (\cos 2x + 1)/2$$

$$\cos^2(P/3 - 7x) = \frac{1}{2}$$

$$(\cos(2P/3 - 14x) + 1)/2 = \frac{1}{2}$$

$$\cos(2P/3 - 14x) + 1 = 1$$

$$\cos(2P/3 - 14x) = 0$$

$$\cos(y) = 0$$

$$y = P/2 + Pk$$

$$2P/3 - 14x = P/2 + Pk$$

$$- 14x = P/2 + Pk$$

$$x = P/21 - P/28 - Pk/14$$

$$x = (4P - 3P)/7 * 4 * 3 - Pk/14$$

$$x = P/84 - Pk/14$$