$\left| \frac{3}{5}, \frac{4}{5} \right|$

$$\alpha + \beta + \left(\frac{\pi}{2} + \alpha\right) = \pi$$

Calcola
$$\sin \alpha$$
 e $\cos \alpha$.

$$2d + \beta + \frac{\pi}{2} = \pi$$

$$2d + \beta = \frac{\pi}{2}$$

$$2d = \frac{\pi}{2} - \beta$$

$$d = \frac{\pi}{4} - \frac{\beta}{2}$$

tou
$$\beta = \frac{7}{24} \Rightarrow$$

$$\begin{cases}
\sin \beta = \frac{7}{24} \\
\cos \beta
\end{cases} = \frac{7}{24} \\
\sin^2 \beta + \cos^2 \beta = 1
\end{cases} \begin{cases}
\sin \beta = \frac{7}{24} \\
\sin^2 \beta + \cos^2 \beta
\end{cases} = 1$$

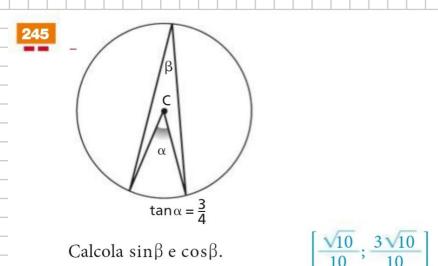
$$8 \sin^2 \beta + \cos^2 \beta = 1$$
 $\frac{49}{576} \cos^2 \beta + \cos^2 \beta = 1$

$$\begin{cases} \frac{625}{576} & \cos^2 \beta = 1 \\ \frac{625}{576} & \cos^2 \beta = 1 \end{cases} \qquad \begin{cases} \frac{24}{25} & \frac{24}{25} \\ \frac{24}{25} & \frac{24}{25} \end{cases}$$

$$(x) = \frac{\sqrt{2}}{2} \sqrt{\frac{1+\cos\beta}{2}} - \frac{\sqrt{2}}{2} \sqrt{\frac{1-\cos\beta}{2}} = \frac{\sqrt{2}}{2} \sqrt{\frac{49}{50}} - \frac{\sqrt{2}}{2} \sqrt{\frac{1}{50}} =$$

$$= \frac{\sqrt{2}}{2} \frac{7}{5\sqrt{2}} - \frac{\sqrt{2}}{2} \frac{1}{5\sqrt{2}} = \frac{7}{10} \frac{1}{10} = \frac{6}{10} = \frac{3}{5}$$

$$\frac{\cos d}{d} = + \sqrt{1 - \sin^2 d} = \sqrt{1 - \frac{3}{25}} = \sqrt{\frac{16}{25}} = \begin{bmatrix} \frac{4}{5} \\ \frac{5}{5} \end{bmatrix}$$



Calcola
$$\sin\beta$$
 e $\cos\beta$.

$$d = 2\beta \implies \beta = \frac{\alpha}{2}$$

$$\begin{cases} \sin \alpha = \frac{3}{4} \cos \alpha & (\tan \alpha = \frac{3}{4}) \\ \sin^2 \alpha + \cos^2 \alpha = 1 \end{cases}$$

 $\cos^2 x = \frac{16}{25} \implies \cos \lambda = \frac{4}{5}$

(L ACUTO)

$$\frac{9}{16} \cos^2 d + \cos^2 d = 1$$

$$\sin \beta = \sin \alpha = \sqrt{\frac{1-\cos\alpha}{2}} = \sqrt{\frac{1-\frac{4}{5}}{2}}$$

$$con \beta = con \frac{d}{2} = \sqrt{\frac{1 + cond}{2}} = \sqrt{\frac{1 + \frac{4}{5}}{2}} = \sqrt{\frac{3}{10}} = \frac{3\sqrt{10}}{10}$$

FORMULE PARAMETRICHE

Sin
$$X = \frac{2t}{1+t^2}$$
 $t = tan \frac{X}{2}$
 $x \neq \pi + 2K\pi$ (factor $\frac{X}{2} \neq \frac{\pi}{2} + K\pi$, obtainent:

Let $tan \frac{X}{2} \neq \pi + 2K\pi$ (factor $\frac{X}{2} \neq \pi + K\pi$, obtainent:

Let $tan \frac{X}{2} \neq \pi + 2K\pi$ (factor $\frac{X}{2} \neq \pi + K\pi$, obtainent:

Let $tan \frac{X}{2} \neq \pi + 2K\pi$ (factor $\frac{X}{2} \neq \pi + K\pi$, obtainent:

Let $tan \frac{X}{2} \neq \pi + K\pi$, obtainent:

Let $tan \frac{X}{2} \neq \pi + K\pi$, obtainent:

Let $tan \frac{X}{2} \neq \pi + K\pi$, obtainent:

Let $tan \frac{X}{2} \neq \pi + K\pi$, obtainent:

Let $tan \frac{X}{2} \neq \pi + K\pi$, obtainent:

Let $tan \frac{X}{2} \neq \pi + K\pi$, obtainent:

Let $tan \frac{X}{2} \neq \pi + K\pi$, obtainent:

Let $tan \frac{X}{2} \neq \pi + K\pi$, obtainent:

Let $tan \frac{X}{2} \neq \pi + K\pi$, obtainent:

Let $tan \frac{X}{2} \neq \pi + K\pi$, obtainent:

Let $tan \frac{X}{2} \neq \pi + K\pi$, obtainent:

Let $tan \frac{X}{2} \neq \pi + K\pi$, obtainent:

Let $tan \frac{X}{2} \neq \pi + K\pi$, obtainent:

Let $tan \frac{X}{2} \neq \pi + K\pi$, obtainent:

Let $tan \frac{X}{2} \neq \pi + K\pi$, obtainent:

Let $tan \frac{X}{2} \neq \pi + K\pi$, obtainent:

Let $tan \frac{X}{2} \neq \pi + K\pi$, obtainent:

Let $tan \frac{X}{2} \neq \pi + K\pi$, obtainent:

Let $tan \frac{X}{2} \neq \pi + K\pi$, obtainent:

Let $tan \frac{X}{2} \neq \pi + K\pi$, obtainent:

Let $tan \frac{X}{2} \neq \pi + K\pi$, obtainent:

Let $tan \frac{X}{2} \neq \pi + K\pi$, obtainent:

Let $tan \frac{X}{2} \neq \pi + K\pi$, obtainent:

Let $tan \frac{X}{2} \neq \pi + K\pi$, obtainent:

Let $tan \frac{X}{2} \neq \pi + K\pi$, obtainent:

Let $tan \frac{X}{2} \neq \pi + K\pi$, obtainent:

Let $tan \frac{X}{2} \neq \pi + K\pi$, obtainent:

Let $tan \frac{X}{2} \neq \pi + K\pi$, obtainent:

Let $tan \frac{X}{2} \neq \pi + K\pi$, obtainent:

Let $tan \frac{X}{2} \neq \pi + K\pi$, obtainent:

Let $tan \frac{X}{2} \neq \pi + K\pi$, obtainent:

Let $tan \frac{X}{2} \neq \pi + K\pi$, obtainent:

Let $tan \frac{X}{2} \neq \pi + K\pi$, obtainent:

Let $tan \frac{X}{2} \neq \pi + K\pi$, obtainent:

Let $tan \frac{X}{2} \neq \pi + K\pi$, obtainent:

Let $tan \frac{X}{2} \neq \pi + K\pi$, obtainent:

Let $tan \frac{X}{2} \neq \pi + K\pi$, obtainent:

Let $tan \frac{X}{2} \neq \pi + K\pi$, obtainent:

Let $tan \frac{X}{2} \neq \pi + K\pi$, obtainent:

Let $tan \frac{X}{2} \neq \pi + K\pi$, obtainent:

Let $tan \frac{X}{2} \neq \pi + K\pi$, obtainent:

Let $tan \frac{X}{2} \neq \pi + K\pi$, obtainent:

Let $tan \frac{X}{2} \neq \pi + K\pi$, obtainen

