







Q&A

















2020

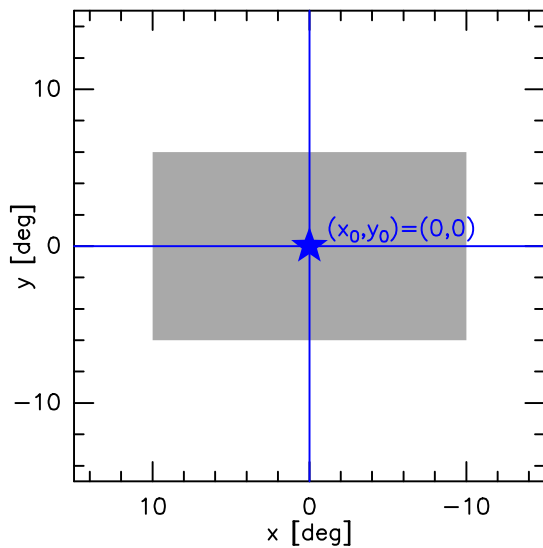
A pixelated, black and white graphic of the text "Q.E.D." in a serif font. The letters are composed of a grid of black and white pixels, giving it a retro, digital appearance. The "Q" and "D" have large, rounded loops. The "E" is a simple, blocky letter. The period is a small, solid black dot. The entire text is centered and flanked by decorative, pixelated flourishes that resemble stylized wings or smoke trailing from the letters.

000000

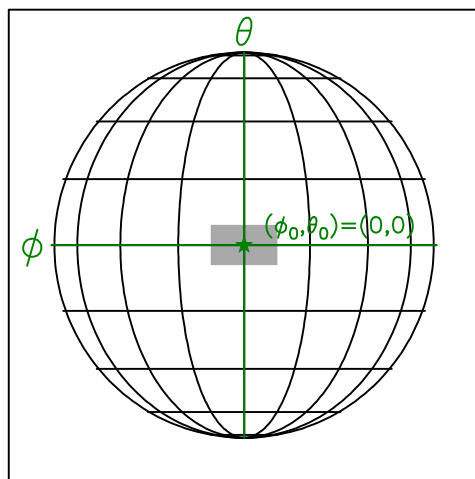




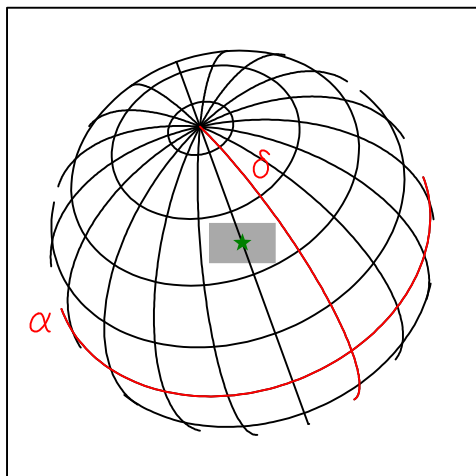
2D projected plane



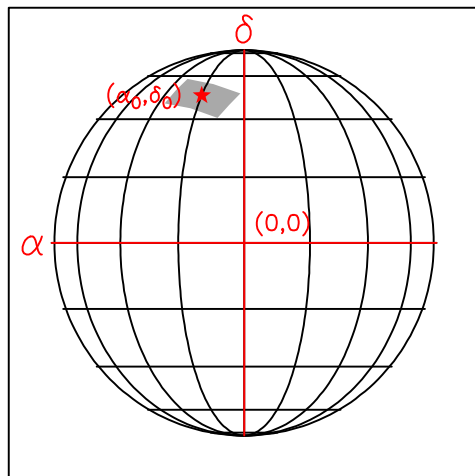
3D native sphere



3D celestial sphere



3D celestial sphere

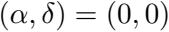




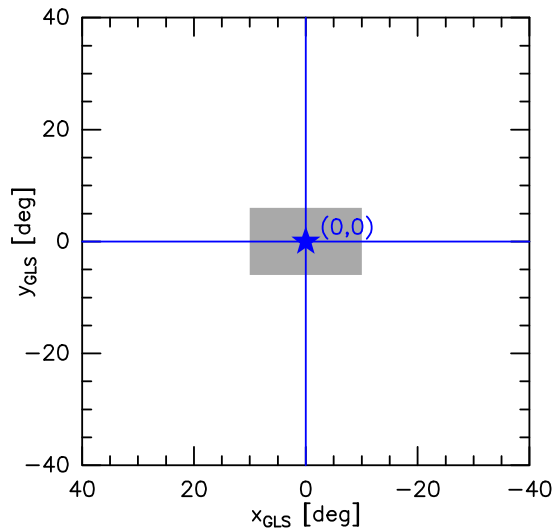




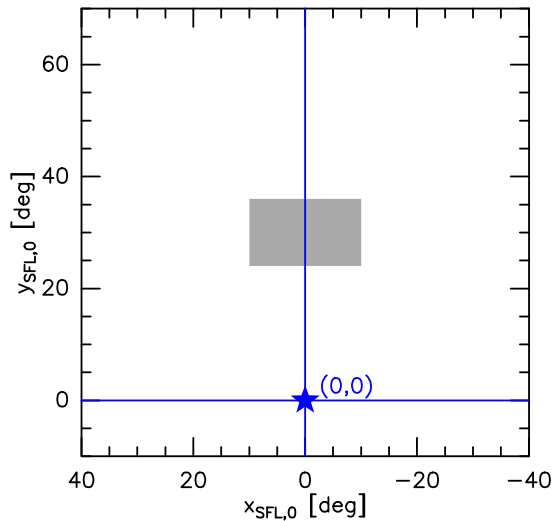




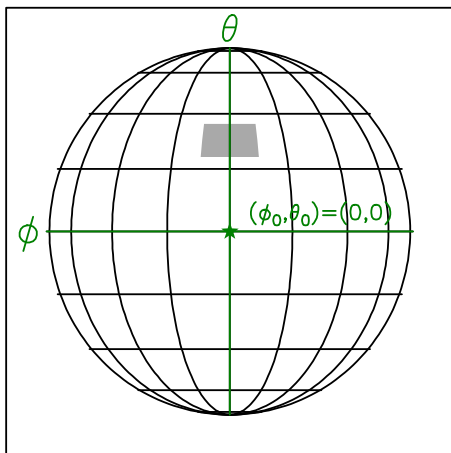
2D GLS projected plane



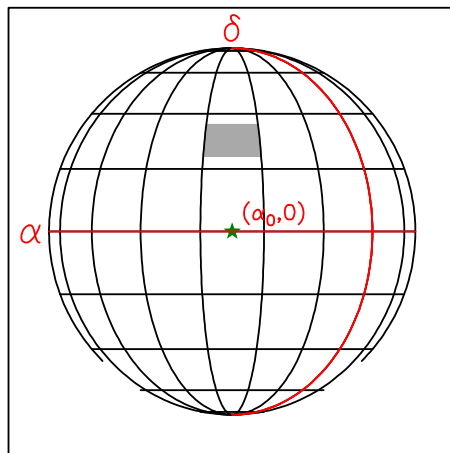
2D SFL projected plane



3D native sphere



3D celestial sphere





sin cos sin cos / sin cos cos



cos-1/sin

cos/sin



$$\tan \frac{\theta}{2}$$













$$\cos \theta = \sin \theta + \cos \theta$$

$$r_{\text{AIPS}} = 2 \frac{\sin \theta}{1 + \cos \theta}$$

$$r_{\text{AIPS}} = 2 \tan \frac{\theta}{2}$$

$$\tan x = \frac{\sin x}{\cos x} = \frac{2 \sin x \cos x}{2 \cos^2 x} = \frac{\sin 2x}{1 + \cos 2x}$$

www.dreamstime.com









A pixelated, black and white graphic of the text "over the rainbow" in a cursive font. The text is rendered in a style reminiscent of early digital art or low-resolution graphics, with thick, dark strokes and a slightly irregular, hand-drawn appearance. The letters are connected in a fluid, cursive manner. The background is white, and the overall aesthetic is that of a digital illustration or a stylized logo.









WORLDWIDE



$$\phi_p = \begin{cases} 0^\circ & \text{for } \delta_0 \geq 0 \\ 180^\circ & \text{for } \delta_0 < 0 \end{cases}$$

911

op

=

0



$$\cos(\theta) + \cos^{-1}(\sin \theta)$$



0, cos p - 1 sin 0)











$$\delta_p = \begin{cases} \delta_{p,1} & \text{if } \delta_{p,1} > 0 \text{ and } \delta_{p,1} \leq 90^\circ \\ \delta_{p,2} & \text{otherwise.} \end{cases}$$





$$\alpha_p = \begin{cases} \alpha_0 + \phi_p - 180^\circ & \text{for } \delta_p = +90^\circ \\ \alpha_0 - \phi_p & \text{for } \delta_p = -90^\circ \\ \alpha_0 - \text{atan2}(0, -\frac{\sin \delta_p \sin \delta_0}{\cos \delta_p \cos \delta_0}) & \text{otherwise.} \end{cases}$$



x



$\cos y$





$$(-\cos \theta \sin(\phi - \phi_p), \sin \theta \cos \delta_p - \cos \theta \sin \delta_p \cos(\phi - \phi_p))$$



$$\sin^{-1}(\sin \theta \sin \phi_p + \cos \theta \cos \phi_p \cos(\phi - \phi_p))$$



$$(-\cos \delta \sin(\alpha - \alpha_p), \sin \delta \cos \delta_p - \cos \delta \sin \delta_p \cos(\alpha - \alpha_p))$$

$$\sin^{-1}(\sin \delta \sin \delta_p + \cos \delta \cos \delta_p \cos(\alpha - \alpha_p))$$













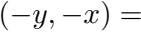
00

→

1000

09110

$$\phi_{SFL,0} = \arctan2(-\cos \delta \sin(\alpha - \alpha_0 - 180^\circ), -\cos \delta \cos(\alpha - \alpha_0 - 180^\circ)) = \alpha - \alpha_0$$



1900 + 1900

QUESTIONS

$$\text{SPIL}_0 = \text{SPIL}_1 \text{ (sid)} = \text{sid}$$

2020

95% 100%

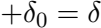




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POSTAL, POSTAL







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(3600, -1800), (3600, +1800)

2009

