







Q&A



















2020

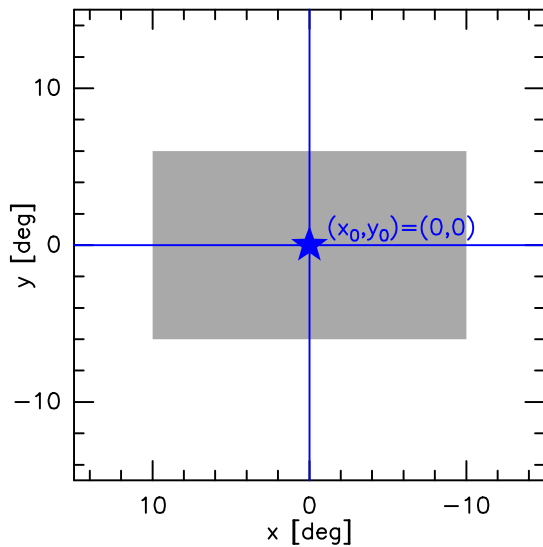
A pixelated, black and white graphic of the text "Q.E.D." in a serif font. The letters are composed of a grid of black and white pixels, giving it a retro, digital appearance. The "Q" and "D" have large, rounded loops. The "E" is a simple, blocky letter. The period is a small, solid black dot. The entire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

000000

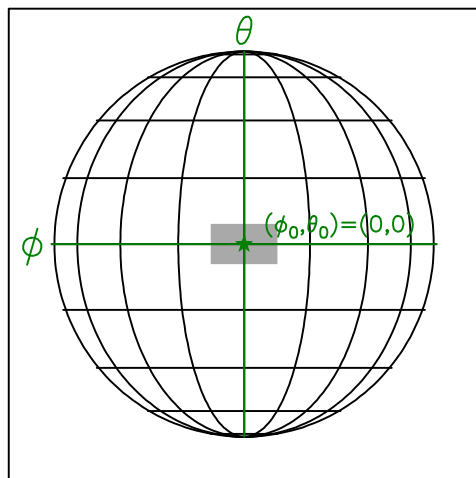




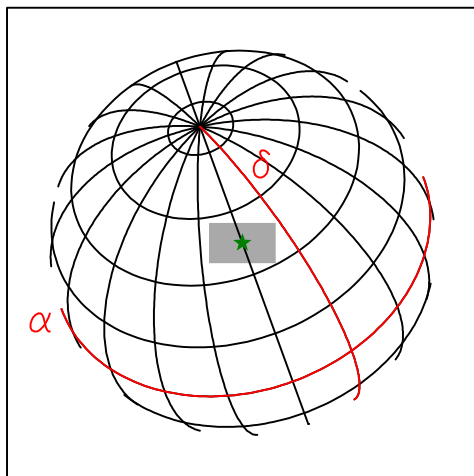
2D projected plane



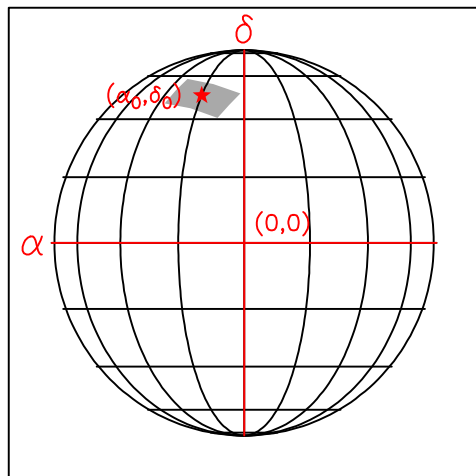
3D native sphere



3D celestial sphere



3D celestial sphere

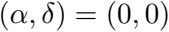




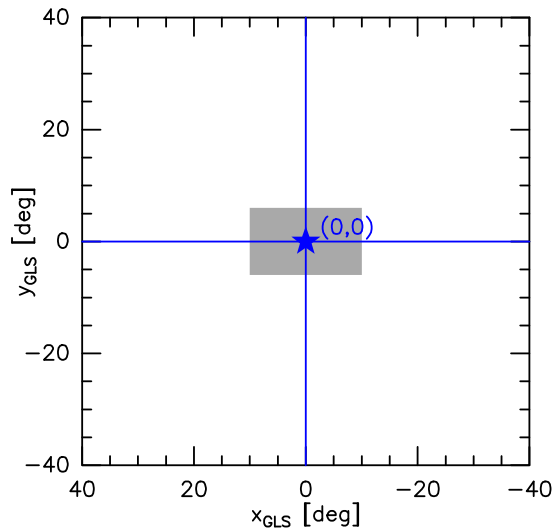




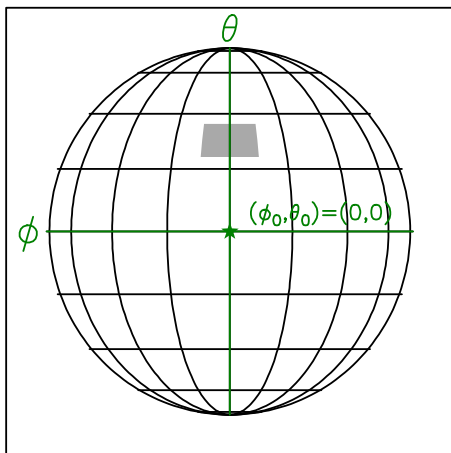




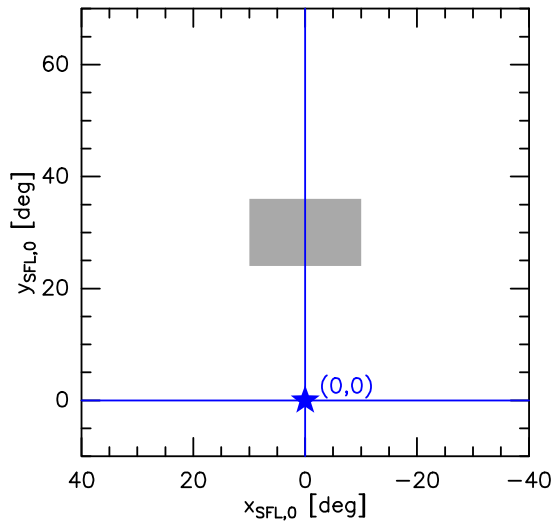
2D GLS projected plane



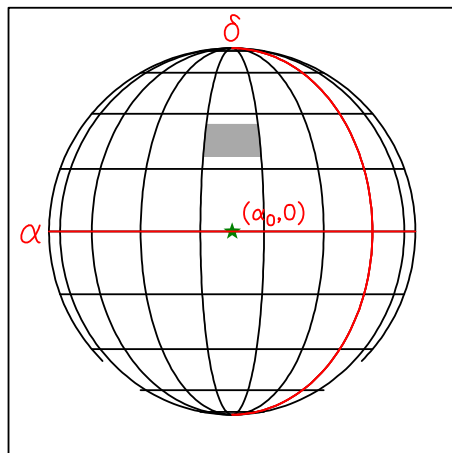
3D native sphere



2D SFL projected plane



3D celestial sphere





sin cos sin cos / sin cos cos



cos-1/sin

cos/sin



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













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

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

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

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

1999-2000









A pixelated, black and white graphic of the text "over the rainbow" in a cursive font. A large "X" is drawn over the word "the". The text is rendered in a thick, pixelated style, giving it a retro, digital appearance. The background is white, and the text is black with some gray shading to create a 3D effect.









WORLDWIDE



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

911





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



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



$\cos y$





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



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



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

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













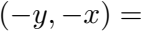
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→

1000

09:10

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



1900 + 1900

QUESTIONS

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

2020

95% 100%

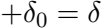




— 1000 —











POSTAL, POSTAL







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19

19

19

19

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

2009

