URL: http://cxc.harvard.edu/ciao3.4/pix_gac_to_gdp.html
Last modified: December 2006

AHELP for CIAO 3.4

pix_gac_to_gdp

Context: pixlib

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Synopsis

Convert from the Grating diffracted Angular coordinates (GAC) to Grating Dispersion Plane (GDP) coordinate system.

Syntax

```
Array_Type pix_gac_to_gdp( Double_Type x, Double_Type y )
```

Description

This routine converts a position in the Grating diffracted Angular Coordinate (GAC) system to the matching position in the Grating Dispersion Plane (GDP) coordinate system, using the current settings of the pixlib module. The x value gives the grating dispersion and the y value the cross−dispersion coordinate, both given in degrees. The return value is a two−element array which gives the GDP coordinates in pixels.

Bugs

See the bugs page for the pixlib library on the CIAO website for an up−to−date listing of known bugs.

See Also

modules
pixlib
pixlib
pix_gdp_to_gac, pix_get_energy, pix_get_grating_wavelength

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