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

AHELP for CIAO 3.4

pix_gdp_to_gac

Context: pixlib

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Synopsis

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

Syntax

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

Description

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

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_gac_to_gdp, pix_get_energy, pix_get_grating_wavelength

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