



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](#)

