1.10 synthesistoys - Module

Module of toys for playing with synthesis imaging

Description

synthesistoys contains various toy programs for play with the concepts of synthesis imaging.

Tools

synthesistoy	Tool for playing with synthesis imaging

1.10.1 synthesistoy - Tool

Package	synthesis
Module	synthesistoys

Tool for playing with synthesis imaging
include "synthesistoy.g"

Description

synthesistoy is a toy for playing with the central concepts in synthesis imaging. **It is a toy and does nothing useful other than allow you to play with synthesis imaging.**
One can use the GUI to:

- Construct various types of synthesis arrays (*e.g.* circle, randomcircle, star (a special case of which is a VLA Y)).
- Read in or generate a model image
- Calculate uv sampling and PSF for a specified site latitude, source declination, and hour angles.
- Construct a dirty image for the uv sampling and model image
- Deconvolve the dirty image

synthesistoy - Constructor

Package	synthesis
Module	synthesistoys
Tool	synthesistoy