1 Program imaver

1.1 Purpose

Compute the mean and standard deviation of a group of 2D images, pixel by pixel.

1.2 Usage

imaver out_ave out_sig input_images ...

1.3 Notes

- Use **-** to skip output of out_ave and/or out_sig.
- This program writes the output images in 'short int' format if inputs are short ints, otherwise output images are floating point.

1.4 Example

Example 1. Suppose that the group of files fred.0001, fred.0002, ..., fred.0068 is a collection of 2D images. To find the mean and standard deviation, pixel by pixel, for these images, use the command line:

imaver fred.ave fred.sig fred.*

Files fred.ave and fred.sig will be produced, containing the pixel by pixel means and standard deviations, respectively.