1 Program imupsam

1.1 Purpose

Upsample the input 2D image.

1.2 Usage

imupsam n input_image output_image

1.3 Notes

- This upsamples the input 2D image by a factor of n and writes the result into output_image.
- n must be an integer in the range 2..30.
- 7th order polynomial interpolation is used in each direction.
- Inputs can be complex, float, short, PGM, or PPM.