



Imagemanip Documentation

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STScI

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This package contains functions for performing image interpolation.

Modules:

INTERP2D

This module supports image interpolation.

`stsci.imagemanip.interp2d.expand2d` (*image*, *outputsize*)

This function expands an input 2D data array to larger dimensions using bilinear interpolation.

Parameters

image : ndarray

Input image as numpy array

outputsize : tuple

Shape tuple describing the size of the output image

Returns

newimage : ndarray

bilinearly interpolated array with shape specified by outputsize parameter

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