



Imagemanip Documentation

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STScI

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CONTENTS

1	interp2d	3
2	Indices and tables	5
	Python Module Index	7
	Index	9

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

INDICES AND TABLES

- genindex
- modindex
- search

S

`stsci.imagemanip.interp2d`, 3

E

expand2d() (in module stsci.imagemanip.interp2d), 3

S

stsci.imagemanip.interp2d (module), 3