



Imagemanip Documentation

Release 1.1

STScI

June 23, 2016

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