

Coverage report: 25%



<i>Module</i>	<i>statements</i>	<i>missing</i>	<i>excluded</i>	<i>coverage</i>
diffusion2d.py	82	32	0	61%
tests/integration/test_diffusion2d.py	34	0	0	100%
tests/unit/test_diffusion2d_functions.py	41	0	0	100%
/usr/lib/python3/dist-packages/PIL/GimpGradientFile.py	66	51	0	23%
/usr/lib/python3/dist-packages/PIL/GimpPaletteFile.py	23	17	0	26%
/usr/lib/python3/dist-packages/PIL/Image.py	1399	1150	0	18%
/usr/lib/python3/dist-packages/PIL/ImageChops.py	77	55	0	29%
/usr/lib/python3/dist-packages/PIL/ImageColor.py	53	48	0	9%
/usr/lib/python3/dist-packages/PIL/ImageFile.py	343	290	0	15%
/usr/lib/python3/dist-packages/PIL/ImageMode.py	23	18	0	22%
/usr/lib/python3/dist-packages/PIL/ImagePalette.py	117	99	0	15%
/usr/lib/python3/dist-packages/PIL/ImageSequence.py	30	24	0	20%
/usr/lib/python3/dist-packages/PIL/PaletteFile.py	23	18	0	22%
/usr/lib/python3/dist-packages/PIL/PngImagePlugin.py	796	695	0	13%
/usr/lib/python3/dist-packages/PIL/TiffTags.py	40	2	0	95%
/usr/lib/python3/dist-packages/PIL/__init__.py	42	29	0	31%
/usr/lib/python3/dist-packages/PIL/_binary.py	26	12	0	54%
/usr/lib/python3/dist-packages/PIL/_util.py	11	4	0	64%
/usr/lib/python3/dist-packages/PIL/_version.py	1	0	0	100%
/usr/lib/python3/dist-packages/attr/__init__.py	26	0	0	100%
/usr/lib/python3/dist-packages/attr/_compat.py	86	44	7	49%
/usr/lib/python3/dist-packages/attr/_config.py	9	4	0	56%
/usr/lib/python3/dist-packages/attr/_funcs.py	94	82	0	13%
/usr/lib/python3/dist-packages/attr/_make.py	853	319	0	63%
/usr/lib/python3/dist-packages/attr/_next_gen.py	30	22	0	27%
/usr/lib/python3/dist-packages/attr/_version_info.py	37	17	0	54%
/usr/lib/python3/dist-packages/attr/converters.py	28	23	0	18%
/usr/lib/python3/dist-packages/attr/exceptions.py	18	4	0	78%
/usr/lib/python3/dist-packages/attr/filters.py	15	9	0	40%
/usr/lib/python3/dist-packages/attr/setters.py	27	18	0	33%
/usr/lib/python3/dist-packages/attr/validators.py	116	55	0	53%
/usr/lib/python3/dist-packages/cycler.py	177	107	0	40%
/usr/lib/python3/dist-packages/dateutil/__init__.py	5	2	0	60%
/usr/lib/python3/dist-packages/dateutil/_common.py	25	15	0	40%
/usr/lib/python3/dist-packages/dateutil/_version.py	2	0	0	100%
/usr/lib/python3/dist-packages/dateutil/parser/__init__.py	33	4	0	88%
/usr/lib/python3/dist-packages/dateutil/parser/_parser.py	814	690	4	15%
/usr/lib/python3/dist-packages/dateutil/parser/isoparser.py	180	145	0	19%
/usr/lib/python3/dist-packages/dateutil/relativedelta.py	241	206	0	15%
/usr/lib/python3/dist-packages/dateutil/rrule.py	977	862	0	12%
/usr/lib/python3/dist-packages/dateutil/tz/__init__.py	4	0	0	100%
/usr/lib/python3/dist-packages/dateutil/tz/_common.py	161	124	0	23%
/usr/lib/python3/dist-packages/dateutil/tz/_factories.py	49	21	0	57%
/usr/lib/python3/dist-packages/dateutil/tz/tz.py	803	644	0	20%
/usr/lib/python3/dist-packages/dateutil/tz/win.py	153	149	0	3%
/usr/lib/python3/dist-packages/matplotlib/__init__.py	584	328	0	44%
/usr/lib/python3/dist-packages/matplotlib/_animation_data.py	4	0	0	100%
/usr/lib/python3/dist-packages/matplotlib/_cm.py	141	12	0	91%
/usr/lib/python3/dist-packages/matplotlib/_cm_listed.py	11	0	0	100%
/usr/lib/python3/dist-packages/matplotlib/_color_data.py	7	0	0	100%
/usr/lib/python3/dist-packages/matplotlib/_constrained_layout.py	305	290	0	5%
/usr/lib/python3/dist-packages/matplotlib/_layoutbox.py	407	341	0	16%
/usr/lib/python3/dist-packages/matplotlib/_mathtext_data.py	7	0	0	100%
/usr/lib/python3/dist-packages/matplotlib/_pylab_helpers.py	70	38	0	46%
/usr/lib/python3/dist-packages/matplotlib/_text_layout.py	12	10	0	17%
/usr/lib/python3/dist-packages/matplotlib/_version.py	5	0	0	100%
/usr/lib/python3/dist-packages/matplotlib/afm.py	239	189	0	21%
Total	69029	51959	11	25%

<i>Module</i>	<i>statements</i>	<i>missing</i>	<i>excluded</i>	<i>coverage</i>
/usr/lib/python3/dist-packages/matplotlib/animation.py	672	485	0	28%
/usr/lib/python3/dist-packages/matplotlib/artist.py	609	426	0	30%
/usr/lib/python3/dist-packages/matplotlib/axes/__init__.py	2	0	0	100%
/usr/lib/python3/dist-packages/matplotlib/axes/_axes.py	2294	2096	0	9%
/usr/lib/python3/dist-packages/matplotlib/axes/_base.py	1657	1415	0	15%
/usr/lib/python3/dist-packages/matplotlib/axes/_secondary_axes.py	142	118	0	17%
/usr/lib/python3/dist-packages/matplotlib/axes/_subplots.py	116	74	0	36%
/usr/lib/python3/dist-packages/matplotlib/axis.py	1221	990	0	19%
/usr/lib/python3/dist-packages/matplotlib/backend_bases.py	1284	977	0	24%
/usr/lib/python3/dist-packages/matplotlib/backend_managers.py	178	137	0	23%
/usr/lib/python3/dist-packages/matplotlib/backend_tools.py	552	356	0	36%
/usr/lib/python3/dist-packages/matplotlib/backends/__init__.py	0	0	0	100%
/usr/lib/python3/dist-packages/matplotlib/backends/_backend_tk.py	529	404	0	24%
/usr/lib/python3/dist-packages/matplotlib/backends/backend_agg.py	275	201	0	27%
/usr/lib/python3/dist-packages/matplotlib/backends/backend_tkagg.py	14	5	0	64%
/usr/lib/python3/dist-packages/matplotlib/Bezier.py	236	196	0	17%
/usr/lib/python3/dist-packages/matplotlib/blocking_input.py	144	102	0	29%
/usr/lib/python3/dist-packages/matplotlib/category.py	81	48	0	41%
/usr/lib/python3/dist-packages/matplotlib/cbook/__init__.py	893	687	0	23%
/usr/lib/python3/dist-packages/matplotlib/cbook/deprecation.py	159	42	0	74%
/usr/lib/python3/dist-packages/matplotlib/cm.py	197	137	0	30%
/usr/lib/python3/dist-packages/matplotlib/collections.py	839	687	0	18%
/usr/lib/python3/dist-packages/matplotlib/colorbar.py	743	653	0	12%
/usr/lib/python3/dist-packages/matplotlib/colors.py	841	600	0	29%
/usr/lib/python3/dist-packages/matplotlib/container.py	44	25	0	43%
/usr/lib/python3/dist-packages/matplotlib/contour.py	736	667	0	9%
/usr/lib/python3/dist-packages/matplotlib/dates.py	713	560	0	21%
/usr/lib/python3/dist-packages/matplotlib/docstring.py	29	4	0	86%
/usr/lib/python3/dist-packages/matplotlib/dviread.py	499	358	0	28%
/usr/lib/python3/dist-packages/matplotlib/figure.py	840	712	0	15%
/usr/lib/python3/dist-packages/matplotlib/font_manager.py	574	447	0	22%
/usr/lib/python3/dist-packages/matplotlib/fontconfig_pattern.py	70	21	0	70%
/usr/lib/python3/dist-packages/matplotlib/gridspec.py	309	250	0	19%
/usr/lib/python3/dist-packages/matplotlib/image.py	734	636	0	13%
/usr/lib/python3/dist-packages/matplotlib/legend.py	421	350	0	17%
/usr/lib/python3/dist-packages/matplotlib/legend_handler.py	317	237	0	25%
/usr/lib/python3/dist-packages/matplotlib/lines.py	639	531	0	17%
/usr/lib/python3/dist-packages/matplotlib/markers.py	461	371	0	20%
/usr/lib/python3/dist-packages/matplotlib/mathtext.py	1683	1314	0	22%
/usr/lib/python3/dist-packages/matplotlib/mlab.py	313	270	0	14%
/usr/lib/python3/dist-packages/matplotlib/offsetbox.py	717	560	0	22%
/usr/lib/python3/dist-packages/matplotlib/patches.py	1609	1198	0	26%
/usr/lib/python3/dist-packages/matplotlib/path.py	380	272	0	28%
/usr/lib/python3/dist-packages/matplotlib/projections/__init__.py	28	8	0	71%
/usr/lib/python3/dist-packages/matplotlib/projections/geo.py	278	189	0	32%
/usr/lib/python3/dist-packages/matplotlib/projections/polar.py	752	596	0	21%
/usr/lib/python3/dist-packages/matplotlib/pyplot.py	841	457	0	46%
/usr/lib/python3/dist-packages/matplotlib/quiver.py	456	398	0	13%
/usr/lib/python3/dist-packages/matplotlib/rcsetup.py	510	181	0	65%
/usr/lib/python3/dist-packages/matplotlib/scale.py	278	159	0	43%
/usr/lib/python3/dist-packages/matplotlib/spines.py	295	255	0	14%
/usr/lib/python3/dist-packages/matplotlib/stackplot.py	42	38	0	10%
/usr/lib/python3/dist-packages/matplotlib/streamplot.py	376	332	0	12%
/usr/lib/python3/dist-packages/matplotlib/style/__init__.py	1	0	0	100%
/usr/lib/python3/dist-packages/matplotlib/style/core.py	94	45	0	52%
/usr/lib/python3/dist-packages/matplotlib/table.py	331	268	0	19%
/usr/lib/python3/dist-packages/matplotlib/texmanager.py	183	127	0	31%
/usr/lib/python3/dist-packages/matplotlib/text.py	784	659	0	16%
/usr/lib/python3/dist-packages/matplotlib/textpath.py	206	165	0	20%
Total	69029	51959	11	25%

<i>Module</i>	<i>statements</i>	<i>missing</i>	<i>excluded</i>	<i>coverage</i>
/usr/lib/python3/dist-packages/matplotlib/ticker.py	1285	1046	0	19%
/usr/lib/python3/dist-packages/matplotlib/tight_bbox.py	48	45	0	6%
/usr/lib/python3/dist-packages/matplotlib/tight_layout.py	156	148	0	5%
/usr/lib/python3/dist-packages/matplotlib/transforms.py	1147	773	0	33%
/usr/lib/python3/dist-packages/matplotlib/tri/__init__.py	8	0	0	100%
/usr/lib/python3/dist-packages/matplotlib/tri/triangulation.py	88	74	0	16%
/usr/lib/python3/dist-packages/matplotlib/tri/tricontour.py	64	48	0	25%
/usr/lib/python3/dist-packages/matplotlib/tri/trifinder.py	26	15	0	42%
/usr/lib/python3/dist-packages/matplotlib/tri/triinterpolate.py	552	466	0	16%
/usr/lib/python3/dist-packages/matplotlib/tri/tripcolor.py	56	50	0	11%
/usr/lib/python3/dist-packages/matplotlib/tri/tripplot.py	25	22	0	12%
/usr/lib/python3/dist-packages/matplotlib/tri/trirefine.py	93	81	0	13%
/usr/lib/python3/dist-packages/matplotlib/tri/tritools.py	77	65	0	16%
/usr/lib/python3/dist-packages/matplotlib/units.py	77	47	0	39%
/usr/lib/python3/dist-packages/matplotlib/widgets.py	1366	1164	0	15%
/usr/lib/python3/dist-packages/mpl_toolkits/mplot3d/__init__.py	1	0	0	100%
/usr/lib/python3/dist-packages/mpl_toolkits/mplot3d/art3d.py	399	317	0	21%
/usr/lib/python3/dist-packages/mpl_toolkits/mplot3d/axes3d.py	1203	1050	0	13%
/usr/lib/python3/dist-packages/mpl_toolkits/mplot3d/axis3d.py	240	201	0	16%
/usr/lib/python3/dist-packages/mpl_toolkits/mplot3d/proj3d.py	78	61	0	22%
/usr/lib/python3/dist-packages/numpy/__config__.py	43	16	0	63%
/usr/lib/python3/dist-packages/numpy/__init__.py	119	42	0	65%
/usr/lib/python3/dist-packages/numpy/_distributor_init.py	0	0	0	100%
/usr/lib/python3/dist-packages/numpy/_globals.py	19	2	0	89%
/usr/lib/python3/dist-packages/numpy/_pytesttester.py	51	43	0	16%
/usr/lib/python3/dist-packages/numpy/compat/__init__.py	7	0	0	100%
/usr/lib/python3/dist-packages/numpy/compat/_inspect.py	67	17	0	75%
/usr/lib/python3/dist-packages/numpy/compat/py3k.py	86	51	0	41%
/usr/lib/python3/dist-packages/numpy/core/__init__.py	77	13	0	83%
/usr/lib/python3/dist-packages/numpy/core/_add_newdocs.py	293	0	0	100%
/usr/lib/python3/dist-packages/numpy/core/_asarray.py	40	25	0	38%
/usr/lib/python3/dist-packages/numpy/core/_dtype.py	157	137	0	13%
/usr/lib/python3/dist-packages/numpy/core/_dtype_ctypes.py	54	36	0	33%
/usr/lib/python3/dist-packages/numpy/core/_exceptions.py	98	57	0	42%
/usr/lib/python3/dist-packages/numpy/core/_internal.py	422	320	0	24%
/usr/lib/python3/dist-packages/numpy/core/_methods.py	144	109	0	24%
/usr/lib/python3/dist-packages/numpy/core/_string_helpers.py	15	1	0	93%
/usr/lib/python3/dist-packages/numpy/core/_type_aliases.py	142	16	0	89%
/usr/lib/python3/dist-packages/numpy/core/_ufunc_config.py	87	23	0	74%
/usr/lib/python3/dist-packages/numpy/core/arrayprint.py	521	404	0	22%
/usr/lib/python3/dist-packages/numpy/core/defchararray.py	438	243	0	45%
/usr/lib/python3/dist-packages/numpy/core/einsumfunc.py	403	380	0	6%
/usr/lib/python3/dist-packages/numpy/core/fromnumeric.py	361	204	0	43%
/usr/lib/python3/dist-packages/numpy/core/function_base.py	110	50	0	55%
/usr/lib/python3/dist-packages/numpy/core/getlimits.py	197	82	0	58%
/usr/lib/python3/dist-packages/numpy/core/machar.py	188	178	0	5%
/usr/lib/python3/dist-packages/numpy/core/memmap.py	90	73	0	19%
/usr/lib/python3/dist-packages/numpy/core/multiarray.py	102	25	0	75%
/usr/lib/python3/dist-packages/numpy/core/numeric.py	477	334	0	30%
/usr/lib/python3/dist-packages/numpy/core/numerictypes.py	152	79	0	48%
/usr/lib/python3/dist-packages/numpy/core/overrides.py	53	9	0	83%
/usr/lib/python3/dist-packages/numpy/core/records.py	362	314	0	13%
/usr/lib/python3/dist-packages/numpy/core/shape_base.py	193	148	0	23%
/usr/lib/python3/dist-packages/numpy/core/umath.py	4	0	0	100%
/usr/lib/python3/dist-packages/numpy/ctypeslib.py	221	182	0	18%
/usr/lib/python3/dist-packages/numpy/fft/__init__.py	5	0	0	100%
/usr/lib/python3/dist-packages/numpy/fft/_pocketfft.py	153	112	0	27%
/usr/lib/python3/dist-packages/numpy/fft/helper.py	47	33	0	30%
/usr/lib/python3/dist-packages/numpy/lib/__init__.py	41	0	0	100%
Total	69029	51959	11	25%

<i>Module</i>	<i>statements</i>	<i>missing</i>	<i>excluded</i>	<i>coverage</i>
/usr/lib/python3/dist-packages/numpy/lib/_datasource.py	180	140	0	22%
/usr/lib/python3/dist-packages/numpy/lib/_iotools.py	352	300	0	15%
/usr/lib/python3/dist-packages/numpy/lib/_version.py	75	61	0	19%
/usr/lib/python3/dist-packages/numpy/lib/arraypad.py	219	201	0	8%
/usr/lib/python3/dist-packages/numpy/lib/arraysetops.py	188	157	0	16%
/usr/lib/python3/dist-packages/numpy/lib/arrayiterator.py	71	58	0	18%
/usr/lib/python3/dist-packages/numpy/lib/financial.py	154	112	0	27%
/usr/lib/python3/dist-packages/numpy/lib/format.py	265	234	0	12%
/usr/lib/python3/dist-packages/numpy/lib/function_base.py	1151	978	0	15%
/usr/lib/python3/dist-packages/numpy/lib/histograms.py	287	254	0	11%
/usr/lib/python3/dist-packages/numpy/lib/index_tricks.py	256	177	0	31%
/usr/lib/python3/dist-packages/numpy/lib/mixins.py	59	12	0	80%
/usr/lib/python3/dist-packages/numpy/lib/nanfunctions.py	278	218	0	22%
/usr/lib/python3/dist-packages/numpy/lib/npio.py	857	791	0	8%
/usr/lib/python3/dist-packages/numpy/lib/polynomial.py	438	345	0	21%
/usr/lib/python3/dist-packages/numpy/lib/scimath.py	70	38	0	46%
/usr/lib/python3/dist-packages/numpy/lib/shape_base.py	263	205	0	22%
/usr/lib/python3/dist-packages/numpy/lib/stride_tricks.py	62	32	0	48%
/usr/lib/python3/dist-packages/numpy/lib/twodim_base.py	162	107	0	34%
/usr/lib/python3/dist-packages/numpy/lib/type_check.py	138	90	0	35%
/usr/lib/python3/dist-packages/numpy/lib/ufunclike.py	55	28	0	49%
/usr/lib/python3/dist-packages/numpy/lib/utils.py	462	381	0	18%
/usr/lib/python3/dist-packages/numpy/linalg/__init__.py	4	0	0	100%
/usr/lib/python3/dist-packages/numpy/linalg/linalg.py	678	574	0	15%
/usr/lib/python3/dist-packages/numpy/ma/__init__.py	10	0	0	100%
/usr/lib/python3/dist-packages/numpy/ma/core.py	2403	1771	0	26%
/usr/lib/python3/dist-packages/numpy/ma/extras.py	560	468	0	16%
/usr/lib/python3/dist-packages/numpy/matrixlib/__init__.py	5	0	0	100%
/usr/lib/python3/dist-packages/numpy/matrixlib/defmatrix.py	238	178	0	25%
/usr/lib/python3/dist-packages/numpy/polynomial/__init__.py	9	0	0	100%
/usr/lib/python3/dist-packages/numpy/polynomial/_polybase.py	379	263	0	31%
/usr/lib/python3/dist-packages/numpy/polynomial/chebyshev.py	358	294	0	18%
/usr/lib/python3/dist-packages/numpy/polynomial/hermite.py	268	214	0	20%
/usr/lib/python3/dist-packages/numpy/polynomial/hermite_e.py	265	211	0	20%
/usr/lib/python3/dist-packages/numpy/polynomial/laguerre.py	254	201	0	21%
/usr/lib/python3/dist-packages/numpy/polynomial/legendre.py	262	209	0	20%
/usr/lib/python3/dist-packages/numpy/polynomial/polynomial.py	216	164	0	24%
/usr/lib/python3/dist-packages/numpy/polynomial/polyutils.py	235	204	0	13%
/usr/lib/python3/dist-packages/numpy/random/__init__.py	17	1	0	94%
/usr/lib/python3/dist-packages/numpy/random/_pickle.py	22	12	0	45%
/usr/lib/python3/dist-packages/numpy/version.py	7	1	0	86%
/usr/lib/python3/dist-packages/pyparsing.py	3062	1782	0	42%
/usr/lib/python3/dist-packages/six.py	504	248	0	51%
Total	69029	51959	11	25%

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