Coverage report: 23%				
<pre>Module diffusion2d.py tests/initpy</pre>	statements	missing	excluded	coverage
	82	32	0	61%
	0	0	0	100%
<pre>tests/unit/initpy tests/unit/test_diffusion2d_functions.py /usr/local/lib/python3.7/site-packages/PIL/GimpGradientFile.py</pre>	0	0	0	100%
	52	0	0	100%
	66	51	0	23%
<pre>/usr/local/lib/python3.7/site-packages/PIL/GimpPaletteFile.py /usr/local/lib/python3.7/site-packages/PIL/Image.py /usr/local/lib/python3.7/site-packages/PIL/ImageChops.py</pre>	23	17	0	26%
	1396	1153	0	17%
	77	55	0	29%
<pre>/usr/local/lib/python3.7/site-packages/PIL/ImageColor.py /usr/local/lib/python3.7/site-packages/PIL/ImageFile.py /usr/local/lib/python3.7/site-packages/PIL/ImageMode.py</pre>	51	46	0	10%
	339	287	0	15%
	23	18	0	22%
<pre>/usr/local/lib/python3.7/site-packages/PIL/ImagePalette.py /usr/local/lib/python3.7/site-packages/PIL/ImageSequence.py /usr/local/lib/python3.7/site-packages/PIL/PaletteFile.py</pre>	117	99	0	15%
	30	24	0	20%
	24	19	0	21%
<pre>/usr/local/lib/python3.7/site-packages/PIL/PngImagePlugin.py /usr/local/lib/python3.7/site-packages/PIL/TiffTags.py /usr/local/lib/python3.7/site-packages/PIL/initpy</pre>	799 40 42	699 2 29	0 0	13% 95% 31%
/usr/local/lib/python3.7/site-packages/PIL/_binary.py /usr/local/lib/python3.7/site-packages/PIL/_util.py /usr/local/lib/python3.7/site-packages/PIL/_version.py	26 11 1	12 4 0	0 0	54% 64% 100%
<pre>/usr/local/lib/python3.7/site-packages/cffi/initpy /usr/local/lib/python3.7/site-packages/cffi/api.py /usr/local/lib/python3.7/site-packages/cffi/error.py /usr/local/lib/python3.7/site-packages/cffi/lock.py</pre>	7	0	0	100%
	544	481	0	12%
	19	8	0	58%
	10	6	0	40%
/usr/local/lib/python3.7/site-packages/cffi/model.py /usr/local/lib/python3.7/site-packages/cycler.py /usr/local/lib/python3.7/site-packages/dateutil/initpy	389	251	0	35%
	175	107	0	39%
	5	2	0	60%
/usr/local/lib/python3.7/site-packages/dateutil/_common.py /usr/local/lib/python3.7/site-packages/dateutil/_version.py /usr/local/lib/python3.7/site-packages/dateutil/parser/initpy	25	15	0	40%
	1	0	0	100%
	32	4	0	88%
/usr/local/lib/python3.7/site-packages/dateutil/parser/_parser.py /usr/local/lib/python3.7/site-packages/dateutil/parser/isoparser.py /usr/local/lib/python3.7/site-packages/dateutil/relativedelta.py	807	690	4	14%
	176	145	0	18%
	239	206	0	14%
<pre>/usr/local/lib/python3.7/site-packages/dateutil/rrule.py /usr/local/lib/python3.7/site-packages/dateutil/tz/initpy /usr/local/lib/python3.7/site-packages/dateutil/tz/_common.py</pre>	974	863	0	11%
	4	0	0	100%
	155	122	0	21%
<pre>/usr/local/lib/python3.7/site-packages/dateutil/tz/_factories.py /usr/local/lib/python3.7/site-packages/dateutil/tz/tz.py /usr/local/lib/python3.7/site-packages/dateutil/tz/win.py</pre>	49	21	0	57%
	795	644	0	19%
	151	147	0	3%
<pre>/usr/local/lib/python3.7/site-packages/matplotlib/initpy /usr/local/lib/python3.7/site-packages/matplotlib/_animation_data.py /usr/local/lib/python3.7/site-packages/matplotlib/_cm.py</pre>	574 4 141	326 0 12	0 0	43% 100% 91%
/usr/local/lib/python3.7/site-packages/matplotlib/_cm_listed.py /usr/local/lib/python3.7/site-packages/matplotlib/_color_data.py /usr/local/lib/python3.7/site-packages/matplotlib/_constrained_layout.py	11 7 305	0 0 290	0 0	100% 100% 5%
<pre>/usr/local/lib/python3.7/site-packages/matplotlib/_layoutbox.py /usr/local/lib/python3.7/site-packages/matplotlib/_mathtext_data.py /usr/local/lib/python3.7/site-packages/matplotlib/_pylab_helpers.py /usr/local/lib/python3.7/site-packages/matplotlib/_text_layout.py</pre>	407	341	0	16%
	7	0	0	100%
	60	38	0	37%
	12	10	0	17%
/usr/local/lib/python3.7/site-packages/matplotlib/_text_tayout.py /usr/local/lib/python3.7/site-packages/matplotlib/_version.py /usr/local/lib/python3.7/site-packages/matplotlib/afm.py /usr/local/lib/python3.7/site-packages/matplotlib/animation.py	5	0	0	100%
	238	189	0	21%
	650	486	0	25%
<pre>/usr/local/lib/python3.7/site-packages/matplotlib/artist.py /usr/local/lib/python3.7/site-packages/matplotlib/axes/initpy /usr/local/lib/python3.7/site-packages/matplotlib/axes/_axes.py</pre>	598	426	0	29%
	2	0	0	100%
	2279	2096	0	8%
<pre>/usr/local/lib/python3.7/site-packages/matplotlib/axes/_base.py /usr/local/lib/python3.7/site-packages/matplotlib/axes/_secondary_axes.py /usr/local/lib/python3.7/site-packages/matplotlib/axes/_subplots.py</pre>	1652	1415	0	14%
	142	118	0	17%
	114	74	0	35%
<pre>/usr/local/lib/python3.7/site-packages/matplotlib/axis.py /usr/local/lib/python3.7/site-packages/matplotlib/backend_bases.py /usr/local/lib/python3.7/site-packages/matplotlib/backend_managers.py</pre>	1208	990	0	18%
	1259	976	0	22%
	172	137	0	20%
<pre>/usr/local/lib/python3.7/site-packages/matplotlib/backend_tools.py /usr/local/lib/python3.7/site-packages/matplotlib/backends/initpy /usr/local/lib/python3.7/site-packages/matplotlib/backends/backend_agg.py</pre>	544	356	0	35%
	0	0	0	100%
	274	201	0	27%
<pre>/usr/local/lib/python3.7/site-packages/matplotlib/backends/backend_macosx.py /usr/local/lib/python3.7/site-packages/matplotlib/bezier.py /usr/local/lib/python3.7/site-packages/matplotlib/blocking_input.py</pre>	90 231 144	54 198 102	0 0	40% 14% 29%
/usr/local/lib/python3.7/site-packages/matplotlib/category.py /usr/local/lib/python3.7/site-packages/matplotlib/cbook/initpy /usr/local/lib/python3.7/site-packages/matplotlib/cbook/deprecation.py	76 888 155	48 690 42	0 0	37% 22% 73%
/usr/local/lib/python3.7/site-packages/matplotlib/cm.py /usr/local/lib/python3.7/site-packages/matplotlib/collections.py /usr/local/lib/python3.7/site-packages/matplotlib/colorbar.py	194 827 740	137 687 653	0 0	29% 17% 12%
<pre>/usr/local/lib/python3.7/site-packages/matplotlib/colors.py /usr/local/lib/python3.7/site-packages/matplotlib/container.py /usr/local/lib/python3.7/site-packages/matplotlib/contour.py /usr/local/lib/python3.7/site-packages/matplotlib/dates.py</pre>	838	600	0	28%
	44	25	0	43%
	735	667	0	9%
	705	561	0	20%
<pre>/usr/local/lib/python3.7/site-packages/matplotlib/docstring.py /usr/local/lib/python3.7/site-packages/matplotlib/dviread.py /usr/local/lib/python3.7/site-packages/matplotlib/figure.py</pre>	28	4	0	86%
	472	360	0	24%
	834	712	0	15%
<pre>/usr/local/lib/python3.7/site-packages/matplotlib/font_manager.py /usr/local/lib/python3.7/site-packages/matplotlib/fontconfig_pattern.py /usr/local/lib/python3.7/site-packages/matplotlib/gridspec.py</pre>	568	447	0	21%
	70	21	0	70%
	303	250	0	17%
<pre>/usr/local/lib/python3.7/site-packages/matplotlib/image.py /usr/local/lib/python3.7/site-packages/matplotlib/legend.py /usr/local/lib/python3.7/site-packages/matplotlib/legend_handler.py</pre>	733	636	0	13%
	416	350	0	16%
	317	237	0	25%
<pre>/usr/local/lib/python3.7/site-packages/matplotlib/lines.py /usr/local/lib/python3.7/site-packages/matplotlib/markers.py /usr/local/lib/python3.7/site-packages/matplotlib/mathtext.py</pre>	636	531	0	17%
	461	371	0	20%
	1674	1314	0	22%
<pre>/usr/local/lib/python3.7/site-packages/matplotlib/mlab.py /usr/local/lib/python3.7/site-packages/matplotlib/offsetbox.py /usr/local/lib/python3.7/site-packages/matplotlib/patches.py</pre>	313	270	0	14%
	708	560	0	21%
	1593	1198	0	25%
/usr/local/lib/python3.7/site-packages/matplotlib/path.py /usr/local/lib/python3.7/site-packages/matplotlib/projections/initpy /usr/local/lib/python3.7/site-packages/matplotlib/projections/geo.py	28 278	272 8 189	0 0	25% 71% 32%
/usr/local/lib/python3.7/site-packages/matplotlib/projections/polar.py /usr/local/lib/python3.7/site-packages/matplotlib/pyplot.py /usr/local/lib/python3.7/site-packages/matplotlib/quiver.py	744 811 452	596 446 398	0 0	20% 45% 12%
/usr/local/lib/python3.7/site-packages/matplotlib/rcsetup.py /usr/local/lib/python3.7/site-packages/matplotlib/scale.py /usr/local/lib/python3.7/site-packages/matplotlib/spines.py	501 273 288	181 159 255	0 0	64% 42% 11%
<pre>/usr/local/lib/python3.7/site-packages/matplotlib/stackplot.py /usr/local/lib/python3.7/site-packages/matplotlib/streamplot.py /usr/local/lib/python3.7/site-packages/matplotlib/style/initpy /usr/local/lib/python3.7/site-packages/matplotlib/style/core.py</pre>	42 376 1 92	38 333 0 45	0 0 0	10% 11% 100% 51%
/usr/local/lib/python3.7/site-packages/matplotlib/style/core.py /usr/local/lib/python3.7/site-packages/matplotlib/table.py /usr/local/lib/python3.7/site-packages/matplotlib/texmanager.py /usr/local/lib/python3.7/site-packages/matplotlib/text.py	324	268	0	17%
	174	127	0	27%
	777	659	0	15%
/usr/local/lib/python3.7/site-packages/matplotlib/textpath.py /usr/local/lib/python3.7/site-packages/matplotlib/ticker.py /usr/local/lib/python3.7/site-packages/matplotlib/tight_bbox.py	203	165	0	19%
	1272	1046	0	18%
	48	45	0	6%
/usr/local/lib/python3.7/site-packages/matplotlib/tight_layout.py /usr/local/lib/python3.7/site-packages/matplotlib/transforms.py /usr/local/lib/python3.7/site-packages/matplotlib/tri/initpy	156	148	0	5%
	1092	772	0	29%
	8	0	0	100%
/usr/local/lib/python3.7/site-packages/matplotlib/tri/triangulation.py /usr/local/lib/python3.7/site-packages/matplotlib/tri/tricontour.py /usr/local/lib/python3.7/site-packages/matplotlib/tri/trifinder.py	85	74	0	13%
	62	48	0	23%
	26	15	0	42%
/usr/local/lib/python3.7/site-packages/matplotlib/tri/triinterpolate.py /usr/local/lib/python3.7/site-packages/matplotlib/tri/tripcolor.py /usr/local/lib/python3.7/site-packages/matplotlib/tri/triplot.py	547	466	0	15%
	56	50	0	11%
	25	22	0	12%
/usr/local/lib/python3.7/site-packages/matplotlib/tri/trirefine.py /usr/local/lib/python3.7/site-packages/matplotlib/tri/tritools.py /usr/local/lib/python3.7/site-packages/matplotlib/units.py	93 75 70	81 65 47	0 0	13% 13% 33%
/usr/local/lib/python3.7/site-packages/matplotlib/widgets.py /usr/local/lib/python3.7/site-packages/mpl_toolkits/mplot3d/initpy /usr/local/lib/python3.7/site-packages/mpl_toolkits/mplot3d/art3d.py	1347	1164	0	14%
	1	0	0	100%
	397	317	0	20%
	1198	1050	0	12%
<pre>/usr/local/lib/python3.7/site-packages/mpl_toolkits/mplot3d/axes3d.py /usr/local/lib/python3.7/site-packages/mpl_toolkits/mplot3d/axis3d.py /usr/local/lib/python3.7/site-packages/mpl_toolkits/mplot3d/proj3d.py /usr/local/lib/python3.7/site-packages/numpy/configpy</pre>	235	201	0	14%
	78	61	0	22%
	30	16	0	47%
<pre>/usr/local/lib/python3.7/site-packages/numpy/initpy /usr/local/lib/python3.7/site-packages/numpy/_distributor_init.py /usr/local/lib/python3.7/site-packages/numpy/_globals.py</pre>	119	39	0	67%
	0	0	0	100%
	19	2	0	89%
<pre>/usr/local/lib/python3.7/site-packages/numpy/_pytesttester.py /usr/local/lib/python3.7/site-packages/numpy/compat/initpy /usr/local/lib/python3.7/site-packages/numpy/compat/_inspect.py</pre>	51	43	0	16%
	7	0	0	100%
	67	17	0	75%
<pre>/usr/local/lib/python3.7/site-packages/numpy/compat/py3k.py /usr/local/lib/python3.7/site-packages/numpy/core/initpy /usr/local/lib/python3.7/site-packages/numpy/core/_add_newdocs.py</pre>	84 77 293	49 13 0	0 0	42% 83% 100%
<pre>/usr/local/lib/python3.7/site-packages/numpy/core/_asarray.py /usr/local/lib/python3.7/site-packages/numpy/core/_dtype.py /usr/local/lib/python3.7/site-packages/numpy/core/_dtype_ctypes.py /usr/local/lib/python3.7/site-packages/numpy/core/_exceptions.py</pre>	40 157 54 96	25 137 36 57	0000	38% 13% 33% 41%
/usr/local/lib/python3.7/site-packages/numpy/core/_exceptions.py /usr/local/lib/python3.7/site-packages/numpy/core/_internal.py /usr/local/lib/python3.7/site-packages/numpy/core/_methods.py /usr/local/lib/python3.7/site-packages/numpy/core/_string_helpers.py	418 144 15	321 108	0 0 0	23% 25% 93%
/usr/local/lib/python3.7/site-packages/numpy/core/_string_netpers.py /usr/local/lib/python3.7/site-packages/numpy/core/_type_aliases.py /usr/local/lib/python3.7/site-packages/numpy/core/_ufunc_config.py /usr/local/lib/python3.7/site-packages/numpy/core/arrayprint.py	142	16	0	89%
	82	23	0	72%
	516	404	0	22%
<pre>/usr/local/lib/python3.7/site-packages/numpy/core/defchararray.py /usr/local/lib/python3.7/site-packages/numpy/core/einsumfunc.py /usr/local/lib/python3.7/site-packages/numpy/core/fromnumeric.py</pre>	410	243	0	41%
	403	380	0	6%
	351	204	0	42%
/usr/local/lib/python3.7/site-packages/numpy/core/function_base.py /usr/local/lib/python3.7/site-packages/numpy/core/getlimits.py /usr/local/lib/python3.7/site-packages/numpy/core/machar.py	110	50	0	55%
	193	37	0	81%
	187	178	0	5%
/usr/local/lib/python3.7/site-packages/numpy/core/memmap.py /usr/local/lib/python3.7/site-packages/numpy/core/multiarray.py /usr/local/lib/python3.7/site-packages/numpy/core/numeric.py	90 97 471	73 24 330	0 0	19% 75% 30%
<pre>/usr/local/lib/python3.7/site-packages/numpy/core/numerictypes.py /usr/local/lib/python3.7/site-packages/numpy/core/overrides.py /usr/local/lib/python3.7/site-packages/numpy/core/records.py /usr/local/lib/python3.7/site-packages/numpy/core/shape_base.py</pre>	145	74	0	49%
	53	9	0	83%
	361	314	0	13%
	187	148	0	21%
/usr/local/lib/python3.7/site-packages/numpy/core/umath.py /usr/local/lib/python3.7/site-packages/numpy/ctypeslib.py /usr/local/lib/python3.7/site-packages/numpy/fft/initpy	4	0	0	100%
	213	176	0	17%
	5	0	0	100%
/usr/local/lib/python3.7/site-packages/numpy/fft/_pocketfft.py /usr/local/lib/python3.7/site-packages/numpy/fft/helper.py /usr/local/lib/python3.7/site-packages/numpy/lib/initpy	153	112	0	27%
	47	33	0	30%
	41	0	0	100%
<pre>/usr/local/lib/python3.7/site-packages/numpy/lib/_datasource.py /usr/local/lib/python3.7/site-packages/numpy/lib/_iotools.py /usr/local/lib/python3.7/site-packages/numpy/lib/_version.py</pre>	179	140	0	22%
	348	300	0	14%
	75	61	0	19%
<pre>/usr/local/lib/python3.7/site-packages/numpy/lib/arraypad.py /usr/local/lib/python3.7/site-packages/numpy/lib/arraysetops.py /usr/local/lib/python3.7/site-packages/numpy/lib/arrayterator.py</pre>	219	201	0	8%
	187	157	0	16%
	70	59	0	16%
<pre>/usr/local/lib/python3.7/site-packages/numpy/lib/financial.py /usr/local/lib/python3.7/site-packages/numpy/lib/format.py /usr/local/lib/python3.7/site-packages/numpy/lib/function_base.py</pre>	151 266 1137	112 235 978	0 0	26% 12% 14%
<pre>/usr/local/lib/python3.7/site-packages/numpy/lib/histograms.py /usr/local/lib/python3.7/site-packages/numpy/lib/index_tricks.py /usr/local/lib/python3.7/site-packages/numpy/lib/mixins.py /usr/local/lib/python3.7/site-packages/numpy/lib/nanfunctions.py</pre>	287	254	0	11%
	252	184	0	27%
	59	12	0	80%
	278	218	0	22%
/usr/local/lib/python3.7/site-packages/numpy/lib/nanfunctions.py /usr/local/lib/python3.7/site-packages/numpy/lib/npyio.py /usr/local/lib/python3.7/site-packages/numpy/lib/polynomial.py /usr/local/lib/python3.7/site-packages/numpy/lib/scimath.py	278 852 424 61	218 789 310 38	0 0 0	22% 7% 27% 38%
/usr/tocat/tib/python3.7/site-packages/numpy/tib/scimath.py /usr/local/lib/python3.7/site-packages/numpy/lib/shape_base.py /usr/local/lib/python3.7/site-packages/numpy/lib/stride_tricks.py /usr/local/lib/python3.7/site-packages/numpy/lib/twodim_base.py	251	205	0	18%
	62	47	0	24%
	160	95	0	41%
/usr/local/lib/python3.7/site-packages/numpy/lib/type_check.py /usr/local/lib/python3.7/site-packages/numpy/lib/ufunclike.py /usr/local/lib/python3.7/site-packages/numpy/lib/utils.py	129	90	0	30%
	55	28	0	49%
	463	382	0	17%
<pre>/usr/local/lib/python3.7/site-packages/numpy/linalg/initpy /usr/local/lib/python3.7/site-packages/numpy/linalg/linalg.py /usr/local/lib/python3.7/site-packages/numpy/ma/initpy</pre>	4	0	0	100%
	670	507	0	24%
	10	0	0	100%
<pre>/usr/local/lib/python3.7/site-packages/numpy/ma/core.py /usr/local/lib/python3.7/site-packages/numpy/ma/extras.py /usr/local/lib/python3.7/site-packages/numpy/matrixlib/initpy</pre> /usr/local/lib/python3.7/site-packages/numpy/matrixlib/defmatrix.py	2384	1770	0	26%
	559	468	0	16%
	5	0	0	100%
<pre>/usr/local/lib/python3.7/site-packages/numpy/matrixlib/defmatrix.py /usr/local/lib/python3.7/site-packages/numpy/polynomial/initpy /usr/local/lib/python3.7/site-packages/numpy/polynomial/_polybase.py /usr/local/lib/python3.7/site-packages/numpy/polynomial/chebyshev.py</pre>	233	178	0	24%
	9	0	0	100%
	362	263	0	27%
	358	294	0	18%
/usr/local/lib/python3.7/site-packages/numpy/polynomial/chebysnev.py /usr/local/lib/python3.7/site-packages/numpy/polynomial/hermite_py /usr/local/lib/python3.7/site-packages/numpy/polynomial/hermite_e.py /usr/local/lib/python3.7/site-packages/numpy/polynomial/laguerre.py	268 265 254	294 214 211 201	0 0 0	20% 20% 20% 21%
/usr/local/lib/python3.7/site-packages/numpy/polynomial/legendre.py /usr/local/lib/python3.7/site-packages/numpy/polynomial/polynomial.py /usr/local/lib/python3.7/site-packages/numpy/polynomial/polyutils.py	262	209	0	20%
	215	164	0	24%
	235	204	0	13%
<pre>/usr/local/lib/python3.7/site-packages/numpy/random/initpy /usr/local/lib/python3.7/site-packages/numpy/random/_pickle.py /usr/local/lib/python3.7/site-packages/numpy/version.py</pre>	17	1	0	94%
	22	12	0	45%
	7	1	0	86%
<pre>/usr/local/lib/python3.7/site-packages/pyparsing.py /usr/local/lib/python3.7/site-packages/six.py Total</pre>	3053	1785	0	42%
	492	243	0	51%
	67394	51588	4	23 %
coverage.py v6.2, created at 2022-01-13 20:50 +0100				