

Coverage report: 81%

[Files](#) [Functions](#) [Classes](#)

coverage.py v7.12.0, created at 2026-01-17 14:17 +0100

 hide covered

File ▲	function	statements	missing	excluded	coverage
diffusion2d.py	SolveDiffusion2D.__init__	10	0	0	100%
diffusion2d.py	SolveDiffusion2D.initialize_domain	10	0	0	100%
diffusion2d.py	SolveDiffusion2D.initialize_physical_parameters	9	0	0	100%
diffusion2d.py	SolveDiffusion2D.set_initial_condition	9	0	0	100%
diffusion2d.py	SolveDiffusion2D.do_timestep	5	5	0	0%
diffusion2d.py	SolveDiffusion2D.create_figure	6	6	0	0%
diffusion2d.py	output_figure	5	5	0	0%
diffusion2d.py	main	15	15	0	0%
diffusion2d.py	(no function)	13	1	0	92%
tests/integration/test_diffusion2d.py	solver	2	0	0	100%
tests/integration/test_diffusion2d.py	test_initialize_physical_parameters	11	0	0	100%
tests/integration/test_diffusion2d.py	test_set_initial_condition	19	0	0	100%
tests/integration/test_diffusion2d.py	(no function)	7	0	0	100%
tests/unit/test_diffusion2d_functions.py	test_initialize_domain	10	0	0	100%
tests/unit/test_diffusion2d_functions.py	test_initialize_physical_parameters	11	0	0	100%
tests/unit/test_diffusion2d_functions.py	test_set_initial_condition	19	0	0	100%
tests/unit/test_diffusion2d_functions.py	(no function)	6	0	0	100%
Total		167	32	0	81%

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