coverage.py v7.6.0, created at 2024-07-21 12:14 -0400

coverage.py v7.6.0, created at 2024	-07-21 12:14	-0400		
File	statements 185	missing 4	excluded 8	coverage 98%
pygeodesy/initpy pygeodesy/albers.py	418	13	30	97%
pygeodesy/auxilats/_CX_4.py	8	0	0	100%
pygeodesy/auxilats/_CX_6.py	8	0	0	100%
pygeodesy/auxilats/_CX_8.py	8	0	0	100%
pygeodesy/auxilats/initpy pygeodesy/auxilats/auxAngle.py	225	9	33	100% 96%
pygeodesy/auxilats/auxDLat.py	149	8	10	95%
pygeodesy/auxilats/auxDST.py	98	3	35	97%
pygeodesy/auxilats/auxLat.py	442	58	49	87%
pygeodesy/auxilats/auxily.py	113	8	30	93%
pygeodesy/azimuthal.py	317	5	57	98%
pygeodesy/basics.py pygeodesy/booleans.py	267 978	33 60	120 127	94%
pygeodesy/cartesianBase.py	327	28	40	91%
pygeodesy/clipy.py	316	14	18	96%
pygeodesy/constants.py	191	3	70	98%
pygeodesy/css.py	234	6	12	97%
pygeodesy/datums.py	251	13	11	95%
pygeodesy/deprecated/initpy pygeodesy/deprecated/bases.py	13	0	3	100%
pygeodesy/deprecated/classes.py	85	11	83	87%
pygeodesy/deprecated/consterns.py	14	0	0	100%
pygeodesy/deprecated/datum.py	7	0	0	100%
pygeodesy/deprecated/functions.py	34	5	209	85%
pygeodesy/deprecated/nvector.py	3	0	6	100%
pygeodesy/deprecated/rhumbBase.py pygeodesy/deprecated/rhumbaux.py	4	0	0	100%
pygeodesy/deprecated/rhumbsolve.py	4	0	0	100%
pygeodesy/deprecated/rhumbx.py	4	0	0	100%
pygeodesy/dms.py	284	13	34	95%
pygeodesy/ecef.py	453	22	45 51	95%
pygeodesy/elevations.py	69 280	14 28	51 52	90%
pygeodesy/ellipsoidalBase.py pygeodesy/ellipsoidalBaseDI.py	329	31	25	90%
pygeodesy/ellipsoidalExact.py	39	0	1	100%
pygeodesy/ellipsoidalGeodSolve.py	39	0	1	100%
pygeodesy/ellipsoidalKarney.py	40	0	6	100%
pygeodesy/ellipsoidalNvector.py	133	5	5	96%
pygeodesy/ellipsoidalVincenty.py	176 750	25	13 84	99%
pygeodesy/ellipsoids.py pygeodesy/elliptic.py	484	19	52	96%
pygeodesy/epsg.py	100	2	7	98%
pygeodesy/errors.py	317	27	50	91%
pygeodesy/etm.py	409	33	93	92%
pygeodesy/fmath.py	313	35	113	89%
pygeodesy/formy.py	439	10	22	98%
pygeodesy/frechet.py pygeodesy/fstats.py	215 326	9	76 26	96% 98%
pygeodesy/fsums.py	894	28	116	97%
pygeodesy/gars.py	141	3	10	98%
pygeodesy/geodesici.py	622	56	350	91%
pygeodesy/geodesicw.py	229	25	16	89%
pygeodesy/geodesicx/_C4_24.py	6	0	2	100%
pygeodesy/geodesicx/_C4_27.py pygeodesy/geodesicx/_C4_30.py	6	0	2	100%
pygeodesy/geodesicx/initpy	6	0	0	100%
pygeodesy/geodesicx/gx.py	512	34	32	93%
pygeodesy/geodesicx/gxarea.py	211	10	33	95%
pygeodesy/geodesicx/gxbases.py pygeodesy/geodesicx/gxline.py	58 250	20	26	93%
pygeodesy/geodsolve.py	97	12	71	88%
pygeodesy/geohash.py	282	5	23	98%
pygeodesy/geoids.py	671	29	109	96%
pygeodesy/hausdorff.py	243	11	63	95%
pygeodesy/heights.py	314 229	12 27	141	96%
pygeodesy/internals.py pygeodesy/interns.py	347	2	15	99%
pygeodesy/iters.py	204	7	27	97%
pygeodesy/karney.py	319	19	65	94%
pygeodesy/ktm.py	234	9	39	96%
pygeodesy/latlonBase.py	464	31	79	93%
pygeodesy/lazily.py	208 280	6 11	72 25	97% 96%
pygeodesy/lcc.py pygeodesy/ltp.py	428	23	76	95%
pygeodesy/ltpTuples.py	562	29	49	95%
pygeodesy/mgrs.py	266	2	52	99%
pygeodesy/named.py	523	23	140	96%
pygeodesy/namedTuples.py				97%
pygeodesy/nvectorBase.py	219	6	1 53	050
nygeodesy/osar ny	219 242 305	6 11 8	1 53 65	95% 97%
pygeodesy/osgr.py pygeodesy/points.py	242	11	53	
	242 305	11	53 65	97%
pygeodesy/points.py	242 305 529 232 365	11 8 36 5	53 65 100 60 65	97% 93% 98% 97%
pygeodesy/points.py pygeodesy/props.py pygeodesy/resections.py pygeodesy/rhumb/initpy	242 305 529 232 365 10	11 8 36 5 10	53 65 100 60 65	97% 93% 98% 97% 100%
pygeodesy/points.py pygeodesy/props.py pygeodesy/resections.py pygeodesy/rhumb/initpy pygeodesy/rhumb/auxpy	242 305 529 232 365 10	11 8 36 5 10 0	53 65 100 60 65 0	97% 93% 98% 97% 100% 96%
pygeodesy/points.py pygeodesy/props.py pygeodesy/resections.py pygeodesy/rhumb/initpy pygeodesy/rhumb/auxpy pygeodesy/rhumb/bases.py	242 305 529 232 365 10	11 8 36 5 10	53 65 100 60 65	97% 93% 98% 97% 100%
pygeodesy/points.py pygeodesy/props.py pygeodesy/resections.py pygeodesy/rhumb/initpy pygeodesy/rhumb/auxpy	242 305 529 232 365 10 141 373	11 8 36 5 10 0 6 24	53 65 100 60 65 0 2 116	97% 93% 98% 97% 100% 96%
pygeodesy/points.py pygeodesy/props.py pygeodesy/resections.py pygeodesy/rhumb/initpy pygeodesy/rhumb/auxpy pygeodesy/rhumb/bases.py pygeodesy/rhumb/ekx.py	242 305 529 232 365 10 141 373 226	11 8 36 5 10 0 6 24 4	53 65 100 60 65 0 2 116 46	97% 93% 98% 97% 100% 96% 94%
pygeodesy/points.py pygeodesy/props.py pygeodesy/resections.py pygeodesy/rhumb/initpy pygeodesy/rhumb/auxpy pygeodesy/rhumb/bases.py pygeodesy/rhumb/ekx.py pygeodesy/rhumb/solve.py pygeodesy/simplify.py pygeodesy/solveBase.py	242 305 529 232 365 10 141 373 226 100 226 247	11 8 36 5 10 0 6 24 4 11 2	53 65 100 60 65 0 2 116 46 67 4	97% 93% 98% 97% 100% 96% 94% 98% 89% 99%
pygeodesy/points.py pygeodesy/props.py pygeodesy/resections.py pygeodesy/rhumb/initpy pygeodesy/rhumb/auxpy pygeodesy/rhumb/bases.py pygeodesy/rhumb/ekx.py pygeodesy/rhumb/solve.py pygeodesy/simplify.py pygeodesy/solveBase.py pygeodesy/sphericalBase.py	242 305 529 232 365 10 141 373 226 100 226 247 250	11 8 36 5 10 0 6 24 4 11 2 20 14	53 65 100 60 65 0 2 116 46 67 4 41	97% 93% 98% 97% 100% 96% 94% 98% 89% 99% 92%
pygeodesy/points.py pygeodesy/rops.py pygeodesy/resections.py pygeodesy/rhumb/initpy pygeodesy/rhumb/auxpy pygeodesy/rhumb/bases.py pygeodesy/rhumb/ekx.py pygeodesy/rhumb/solve.py pygeodesy/simplify.py pygeodesy/solveBase.py pygeodesy/sphericalBase.py pygeodesy/sphericalNvector.py	242 305 529 232 365 10 141 373 226 100 226 247 250 316	11 8 36 5 10 0 6 24 4 11 2 20 14 27	53 65 100 60 65 0 2 116 46 67 4 41 11	97% 93% 98% 97% 100% 96% 94% 98% 99% 92% 94% 91%
pygeodesy/points.py pygeodesy/props.py pygeodesy/resections.py pygeodesy/rhumb/initpy pygeodesy/rhumb/auxpy pygeodesy/rhumb/bases.py pygeodesy/rhumb/ekx.py pygeodesy/rhumb/solve.py pygeodesy/simplify.py pygeodesy/solveBase.py pygeodesy/sphericalBase.py pygeodesy/sphericalNvector.py pygeodesy/sphericalTrigonometry.py	242 305 529 232 365 10 141 373 226 100 226 247 250	11 8 36 5 10 0 6 24 4 11 2 20 14	53 65 100 60 65 0 2 116 46 67 4 41	97% 93% 98% 97% 100% 96% 94% 98% 89% 99% 92%
pygeodesy/points.py pygeodesy/rops.py pygeodesy/resections.py pygeodesy/rhumb/initpy pygeodesy/rhumb/auxpy pygeodesy/rhumb/bases.py pygeodesy/rhumb/ekx.py pygeodesy/rhumb/solve.py pygeodesy/simplify.py pygeodesy/solveBase.py pygeodesy/sphericalBase.py pygeodesy/sphericalNvector.py	242 305 529 232 365 10 141 373 226 100 226 247 250 316 386	11 8 36 5 10 0 6 24 4 11 2 20 14 27 26	53 65 100 60 65 0 2 116 46 67 4 41 11 38 71	97% 93% 98% 97% 100% 96% 94% 98% 89% 99% 92% 94% 91%
pygeodesy/points.py pygeodesy/props.py pygeodesy/resections.py pygeodesy/rhumb/initpy pygeodesy/rhumb/auxpy pygeodesy/rhumb/bases.py pygeodesy/rhumb/ekx.py pygeodesy/rhumb/solve.py pygeodesy/simplify.py pygeodesy/solveBase.py pygeodesy/sphericalBase.py pygeodesy/sphericalNvector.py pygeodesy/sphericalTrigonometry.py pygeodesy/streprs.py	242 305 529 232 365 10 141 373 226 100 226 247 250 316 386 262	11 8 36 5 10 0 6 24 4 11 2 20 14 27 26 9	53 65 100 60 65 0 2 116 46 67 4 41 11 38 71	97% 93% 98% 97% 100% 96% 94% 98% 89% 92% 94% 91% 93%
pygeodesy/points.py pygeodesy/rops.py pygeodesy/resections.py pygeodesy/rhumb/initpy pygeodesy/rhumb/auxpy pygeodesy/rhumb/bases.py pygeodesy/rhumb/ekx.py pygeodesy/rhumb/solve.py pygeodesy/simplify.py pygeodesy/solveBase.py pygeodesy/sphericalBase.py pygeodesy/sphericalNvector.py pygeodesy/sphericalTrigonometry.py pygeodesy/streprs.py pygeodesy/trf.py	242 305 529 232 365 10 141 373 226 100 226 247 250 316 386 262 620 589 293	11 8 36 5 10 0 6 24 4 11 2 20 14 27 26 9 31 27	53 65 100 60 65 0 2 116 46 67 4 41 11 38 71 18 63 48 12	97% 93% 98% 97% 100% 96% 94% 98% 99% 92% 94% 91% 93% 97% 95% 96%
pygeodesy/points.py pygeodesy/rops.py pygeodesy/resections.py pygeodesy/rhumb/initpy pygeodesy/rhumb/auxpy pygeodesy/rhumb/bases.py pygeodesy/rhumb/ekx.py pygeodesy/rhumb/solve.py pygeodesy/simplify.py pygeodesy/solveBase.py pygeodesy/sphericalBase.py pygeodesy/sphericalNvector.py pygeodesy/sphericalTrigonometry.py pygeodesy/streprs.py pygeodesy/triaxials.py pygeodesy/units.py pygeodesy/unitsBase.py	242 305 529 232 365 10 141 373 226 100 226 247 250 316 386 262 620 589 293 119	11 8 36 5 10 0 6 24 4 11 2 20 14 27 26 9 31 27 13 6	53 65 100 60 65 0 2 116 46 67 4 41 11 38 71 18 63 48 12 9	97% 93% 98% 97% 100% 96% 94% 98% 89% 92% 94% 91% 93% 97% 95% 95% 96%
pygeodesy/points.py pygeodesy/rops.py pygeodesy/resections.py pygeodesy/rhumb/initpy pygeodesy/rhumb/auxpy pygeodesy/rhumb/bases.py pygeodesy/rhumb/solve.py pygeodesy/rhumb/solve.py pygeodesy/simplify.py pygeodesy/sphericalBase.py pygeodesy/sphericalNvector.py pygeodesy/sphericalTrigonometry.py pygeodesy/triaxials.py pygeodesy/triaxials.py pygeodesy/unitsBase.py pygeodesy/unitsBase.py	242 305 529 232 365 10 141 373 226 100 226 247 250 316 386 262 620 589 293 119 162	11 8 36 5 10 0 6 24 4 11 2 20 14 27 26 9 31 27 13 6 5	53 65 100 60 65 0 2 116 46 67 4 41 11 38 71 18 63 48 12 9 10	97% 93% 98% 97% 100% 96% 94% 98% 99% 92% 94% 91% 93% 97% 95% 96% 95%
pygeodesy/points.py pygeodesy/rops.py pygeodesy/resections.py pygeodesy/rhumb/initpy pygeodesy/rhumb/auxpy pygeodesy/rhumb/bases.py pygeodesy/rhumb/ekx.py pygeodesy/rhumb/solve.py pygeodesy/simplify.py pygeodesy/solveBase.py pygeodesy/sphericalBase.py pygeodesy/sphericalNvector.py pygeodesy/sphericalTrigonometry.py pygeodesy/streprs.py pygeodesy/triaxials.py pygeodesy/units.py pygeodesy/unitsBase.py pygeodesy/unitsBase.py pygeodesy/unitsBase.py pygeodesy/unitsBase.py pygeodesy/unitsDase.py	242 305 529 232 365 10 141 373 226 100 226 247 250 316 386 262 620 589 293 119 162 336	11 8 36 5 10 0 6 24 4 11 2 20 14 27 26 9 31 27 13 6	53 65 100 60 65 0 2 116 46 67 4 41 11 38 71 18 63 48 12 9	97% 93% 98% 97% 100% 96% 94% 98% 99% 92% 94% 91% 93% 97% 95% 95% 96% 95% 97% 90%
pygeodesy/points.py pygeodesy/rops.py pygeodesy/resections.py pygeodesy/rhumb/initpy pygeodesy/rhumb/auxpy pygeodesy/rhumb/bases.py pygeodesy/rhumb/ekx.py pygeodesy/rhumb/solve.py pygeodesy/simplify.py pygeodesy/solveBase.py pygeodesy/sphericalBase.py pygeodesy/sphericalTrigonometry.py pygeodesy/streprs.py pygeodesy/triaxials.py pygeodesy/triaxials.py pygeodesy/unitsBase.py pygeodesy/unitsBase.py pygeodesy/unitsDase.py pygeodesy/unitsDase.py pygeodesy/unitsDase.py pygeodesy/unitsDase.py pygeodesy/unitsDase.py pygeodesy/unitsDase.py pygeodesy/unitsDase.py	242 305 529 232 365 10 141 373 226 100 226 247 250 316 386 262 620 589 293 119 162	11 8 36 5 10 0 6 24 4 11 2 20 14 27 26 9 31 27 13 6 5	53 65 100 60 65 0 2 116 46 67 4 41 11 38 71 18 63 48 12 9 10	97% 93% 98% 97% 100% 96% 94% 98% 99% 92% 94% 91% 93% 97% 95% 96% 95%
pygeodesy/points.py pygeodesy/rops.py pygeodesy/resections.py pygeodesy/rhumb/initpy pygeodesy/rhumb/auxpy pygeodesy/rhumb/bases.py pygeodesy/rhumb/ekx.py pygeodesy/rhumb/solve.py pygeodesy/simplify.py pygeodesy/solveBase.py pygeodesy/sphericalBase.py pygeodesy/sphericalNvector.py pygeodesy/sphericalTrigonometry.py pygeodesy/streprs.py pygeodesy/triaxials.py pygeodesy/units.py pygeodesy/unitsBase.py pygeodesy/unitsBase.py pygeodesy/unitsBase.py pygeodesy/unitsBase.py pygeodesy/unitsDase.py	242 305 529 232 365 10 141 373 226 100 226 247 250 316 386 262 620 589 293 119 162 336 259	11 8 36 5 10 0 6 24 4 11 2 20 14 27 26 9 31 27 13 6 5 33 8	53 65 100 60 65 0 2 116 46 67 4 41 11 38 71 18 63 48 12 9 10 14 21	97% 93% 98% 97% 100% 96% 94% 98% 89% 99% 92% 94% 91% 93% 95% 95% 95% 96% 95% 97% 90%
pygeodesy/points.py pygeodesy/rops.py pygeodesy/resections.py pygeodesy/rhumb/initpy pygeodesy/rhumb/auxpy pygeodesy/rhumb/bases.py pygeodesy/rhumb/solve.py pygeodesy/simplify.py pygeodesy/solveBase.py pygeodesy/sphericalBase.py pygeodesy/sphericalTrigonometry.py pygeodesy/streprs.py pygeodesy/triaxials.py pygeodesy/units.py pygeodesy/unitsBase.py pygeodesy/unitsBase.py pygeodesy/unitsBase.py pygeodesy/unitsBase.py pygeodesy/unitsBase.py pygeodesy/unitsBase.py pygeodesy/units.py pygeodesy/utily.py pygeodesy/utmups.py pygeodesy/utmups.py pygeodesy/utmupsBase.py pygeodesy/utmupsBase.py pygeodesy/vector2d.py	242 305 529 232 365 10 141 373 226 100 226 247 250 316 386 262 620 589 293 119 162 336 259 86 231 317	11 8 36 5 10 0 6 24 4 11 2 20 14 27 26 9 31 27 13 6 5 33 8 2 5 7	53 65 100 60 65 0 2 116 46 67 4 41 11 38 71 18 63 48 12 9 10 14 21 13 29 24	97% 93% 98% 97% 100% 96% 94% 98% 89% 99% 92% 94% 91% 93% 97% 95% 95% 96% 95% 96% 97% 90% 97% 98% 98%
pygeodesy/points.py pygeodesy/rops.py pygeodesy/resections.py pygeodesy/rhumb/initpy pygeodesy/rhumb/initpy pygeodesy/rhumb/bases.py pygeodesy/rhumb/bases.py pygeodesy/rhumb/solve.py pygeodesy/simplify.py pygeodesy/solveBase.py pygeodesy/sphericalBase.py pygeodesy/sphericalTrigonometry.py pygeodesy/sphericalTrigonometry.py pygeodesy/triaxials.py pygeodesy/triaxials.py pygeodesy/units.py pygeodesy/unitsBase.py pygeodesy/unitsBase.py pygeodesy/units.py pygeodesy/utily.py pygeodesy/utm.py pygeodesy/utmups.py pygeodesy/utmupsBase.py pygeodesy/vector2d.py pygeodesy/vector3d.py	242 305 529 232 365 10 141 373 226 100 226 247 250 316 386 262 620 589 293 119 162 336 259 86 231 317 235	11 8 36 5 10 0 6 24 4 11 2 20 14 27 26 9 31 27 13 6 5 33 8 2 7 8	53 65 100 60 65 0 2 116 46 67 4 41 11 38 71 18 63 48 12 9 10 14 21 13 29 24 44	97% 93% 98% 97% 100% 96% 94% 98% 99% 92% 94% 91% 93% 97% 95% 96% 95% 96% 95% 96% 95% 96% 95% 97% 98% 98% 98%
pygeodesy/points.py pygeodesy/rops.py pygeodesy/resections.py pygeodesy/rhumb/initpy pygeodesy/rhumb/auxpy pygeodesy/rhumb/bases.py pygeodesy/rhumb/solve.py pygeodesy/simplify.py pygeodesy/solveBase.py pygeodesy/sphericalBase.py pygeodesy/sphericalTrigonometry.py pygeodesy/streprs.py pygeodesy/triaxials.py pygeodesy/units.py pygeodesy/unitsBase.py pygeodesy/unitsBase.py pygeodesy/unitsBase.py pygeodesy/unitsBase.py pygeodesy/unitsBase.py pygeodesy/unitsBase.py pygeodesy/units.py pygeodesy/utily.py pygeodesy/utmups.py pygeodesy/utmups.py pygeodesy/utmupsBase.py pygeodesy/utmupsBase.py pygeodesy/vector2d.py	242 305 529 232 365 10 141 373 226 100 226 247 250 316 386 262 620 589 293 119 162 336 259 86 231 317	11 8 36 5 10 0 6 24 4 11 2 20 14 27 26 9 31 27 13 6 5 33 8 2 5 7	53 65 100 60 65 0 2 116 46 67 4 41 11 38 71 18 63 48 12 9 10 14 21 13 29 24	97% 93% 98% 97% 100% 96% 94% 98% 89% 99% 92% 94% 91% 93% 97% 95% 95% 96% 95% 96% 97% 90% 97% 98% 98%

pygeodesy/wgrs.py

Total

186

26788

5

1390

7

4622

97%

95%