

defs

compose_vector_fields_2d
 compose_vector_fields_3d
 invert_vector_field_fixed_point_2d
 invert_vector_field_fixed_point_3d
 simplify_warp_function_2d
 simplify_warp_function_3d
 reorient_vector_field_2d
 reorient_vector_field_3d
 downsample_scalar_field_3d
 downsample_displacement_field_3d
 downsample_scalar_field_2d
 downsample_displacement_field_2d
 warp_3d
 warp_3d_affine
 warp_3d_nn
 warp_3d_affine_nn
 warp_2d
 warp_2d_affine
 warp_2d_nn
 warp_2d_affine_nn
 resample_displacement_field_3d
 resample_displacement_field_2d
 create_random_displacement_2d
 create_random_displacement_3d
 create_harmonic_fields_2d
 create_harmonic_fields_3d
 create_circle
 create_sphere

defs

precompute_cc_factors_3d
 precompute_cc_factors_3d_test
 compute_cc_forward_step_3d
 compute_cc_backward_step_3d
 precompute_cc_factors_2d
 precompute_cc_factors_2d_test
 compute_cc_forward_step_2d
 compute_cc_backward_step_2d

defs

quantize_positive_2d
 quantize_positive_3d
 compute_masked_class_stats_2d

In vector_fields.pyx**Tested in**

test_compose_vector_fields_2d
 test_compose_vector_fields_3d
 test_invert_vector_field_2d
 test_invert_vector_field_3d
 test_imwarp.test_diffeomorphic_map_simplification_2d
 test_imwarp.test_diffeomorphic_map_simplification_3d
 test_reorient_vector_field_2d
 test_reorient_vector_field_3d
 test_downsample_scalar_field_3d
 test_downsample_displacement_field_3d
 test_downsample_scalar_field_2d
 test_downsample_displacement_field_2d
 test_warping_3d
 test_affine_warping_3d
 test_warping_3d
 test_affine_warping_3d
 test_warping_2d
 test_affine_warping_2d
 test_warping_2d
 test_affine_warping_2d
 test_resample_vector_field_3d
 test_resample_vector_field_2d
 helper for testing
 helper for testing
 helper for testing
 helper for testing
 helper for testing
 helper for testing

In crosscorr.pyx**tested in**

test_cc_factors_3d
 test helper for test_cc_factors_3d
 test_compute_cc_steps_3d
 test_compute_cc_steps_3d
 test_cc_factors_2d
 test helper for test_cc_factors_2d
 test_compute_cc_steps_2d
 test_compute_cc_steps_2d

In expectmax.pyx**tested in**

test_quantize_positive_2d
 test_quantize_positive_3d
 test_compute_masked_class_stats_2d

compute_masked_class_stats_3d	test_compute_masked_class_stats_3d
compute_em_demons_step_2d	test_compute_em_demons_step_2d
compute_em_demons_step_3d	test_compute_em_demons_step_3d

In sumsqdiff.pyx

defs

tested in

iterate_residual_displacement_field_s:	regression tests by checking the energy profile
compute_energy_ssd_2d	test_compute_energy_ssd_2d
iterate_residual_displacement_field_s:	regression tests by checking the energy profile
compute_energy_ssd_3d	test_compute_energy_ssd_2d
compute_residual_displacement_field	regression tests by checking the energy profile
compute_residual_displacement_field	regression tests by checking the energy profile
compute_ssd_demons_step_2d	test_compute_ssd_demons_step_2d
compute_ssd_demons_step_3d	test_compute_ssd_demons_step_3d