

Matrices
A : ndarray G : ndarray M : ndarray b : ndarray cell_coords : ndarray
build_a() build_b() build_elbow(g) build_g(nx, ny, geometry, angle) build_geometry(g, angle) build_gradient() build_index_matrices(nx, ny) build_obstacle(g) build_phi() build_pressure() load_data() make_data()

Plot
interp_nan(x, y, xnew, ynew, grad) plot_graphs(display, data) plot_potential(ax, data) plot_pressure(ax, data) plot_streamlines(ax, data) plot_velocity(ax, data) section(data, geometry) section_elbow(grad_x, grad_y, xpart, ypart, n) section_obstacle(grad_x, grad_y, xpart, n) section_wid_shrin(grad_x, grad_y)