

PLOT\_FILE

## CLASS\_PLOTS

**check\_existance\_and\_read()**

**in:** motdatapath, resultpath, mot\_torquefile, mot\_powerfile, mot\_consumptionfile

**out:** mot\_torque, mot\_power, mot\_consumption

**get\_results()**

**in:** resultsstruct, n, dt\_in, dt\_out, v\_flight

**out:** result

**get\_r...p()**

**in:** results

**out:** r...p

**plot\_rpm\_torque()**

**in:** results, n, dthetain, dthetaout, v\_flight, savedir

**plot\_rpm\_thrust()**

**in:** results, n, dthetain, dthetaout, v\_flight, savedir

**plot\_mot\_qp\_prop\_qp()**

**in:** results, n, dthetain, dthetaout, v\_flight, mot\_torque, mot\_power, savedir

**plot\_consumption\_power()**

**in:** results, n, dthetain, dthetaout, v\_flight, mot\_consumption, savedir

**plot\_thrust\_torque\_flightspeed()**

**in:** results, n, dthetain, dthetaout, v\_flight, savedir

**plot\_res()**

**in:** results, n, dthetain, dthetaout, v\_flight, res1, savedir

**plot\_from\_elements()**

**in:** results, n, dthetain, dthetaout, v\_flight, elres, savedir

**plot\_from\_given\_velocity()**

**in:** results, n, dthetain, dthetaout, v\_flight, mot\_torque, mot\_power, mot\_consumption, savedir

**plot\_from\_given\_rpm()**

**in:** results, n, N, dthetain, dthetaout, v\_flight, mot\_torque, mot\_power, mot\_consumption, savedir