```
fname1= 'output_alpha_0.003_g_0_dt_1_1.dat' % put your own file name fname2= 'output_alpha_0.003_g_0_dt_2_1.dat' % put your own file name fname3= 'output_alpha_0.003_g_0_dt_5_1.dat' % put your own file name fname4= 'output_alpha_0.003_g_0_dt_10_1.dat' % put your own file name fname5= 'output_alpha_0.003_g_0_dt_20_1.dat' fname6= 'output_alpha_0.003_g_0_dt_0.5_1.dat' fname7= 'output_alpha_0.003_g_0_dt_0.5_1_AN.dat' % (un)comment the lines coresponding to the (desired)undesired analysed cases data=load(fname1); t1 = data(:,1); y1 = data(:,2); data=load(fname2); t2 = data(:,1); y2 = data(:,2); data=load(fname3); t3 = data(:,1); y3 = data(:,2); data=load(fname4); t4 = data(:,1); y4 = data(:,2); data=load(fname5); t5 = data(:,1); y5 = data(:,2); data=load(fname6); t6 = data(:,1); y6 = data(:,2); data=load(fname7); t7 = data(:,1); y7 = data(:,2); lw=1.5; fs=16; plot(t1,y1,'-or', 'linewidth',lw); % with '-or' you get a line with small circles in red colour % type 'help plot' from the Matlab command line to see all possible options hold on; % subsequent calls to plot will add to the existing figure plot(t2, y2, '-+r', 'linewidth',lw); plot(t3, y3, '-db', 'linewidth',lw); plot(t4, y4, '-sm', 'linewidth',lw); plot(t5, y5, '-g', 'linewidth',lw); plot(t6, y6, '-b', 'linewidth',lw); plot(t7, y7, '-c', 'linewidth',lw); set(gca,'fontsize',fs) % useful to have large enough fonts when printing axis([0 100 2 10]) % select (zoom) axis([xmin xmax ymin ymax]); title('Ex.1 Parachutiste - Euler'); %axis square; grid('on'); % type grid off to remove the dotted grid lines xlabel('temps t [s]'); ylabel('vitesse v [m/s]') % export the eps file print -f1 -r600 -depsc output_file_name.eps % (un)comment if needed % or the jpg %print -f1 -r100 -djpeg output_file_name.jpg % (un)comment if needed % or the png %print -f1 -dpng output_file_name.png % (un)comment if needed
```