Introduction to Automotive Report
Lab 4: EBD
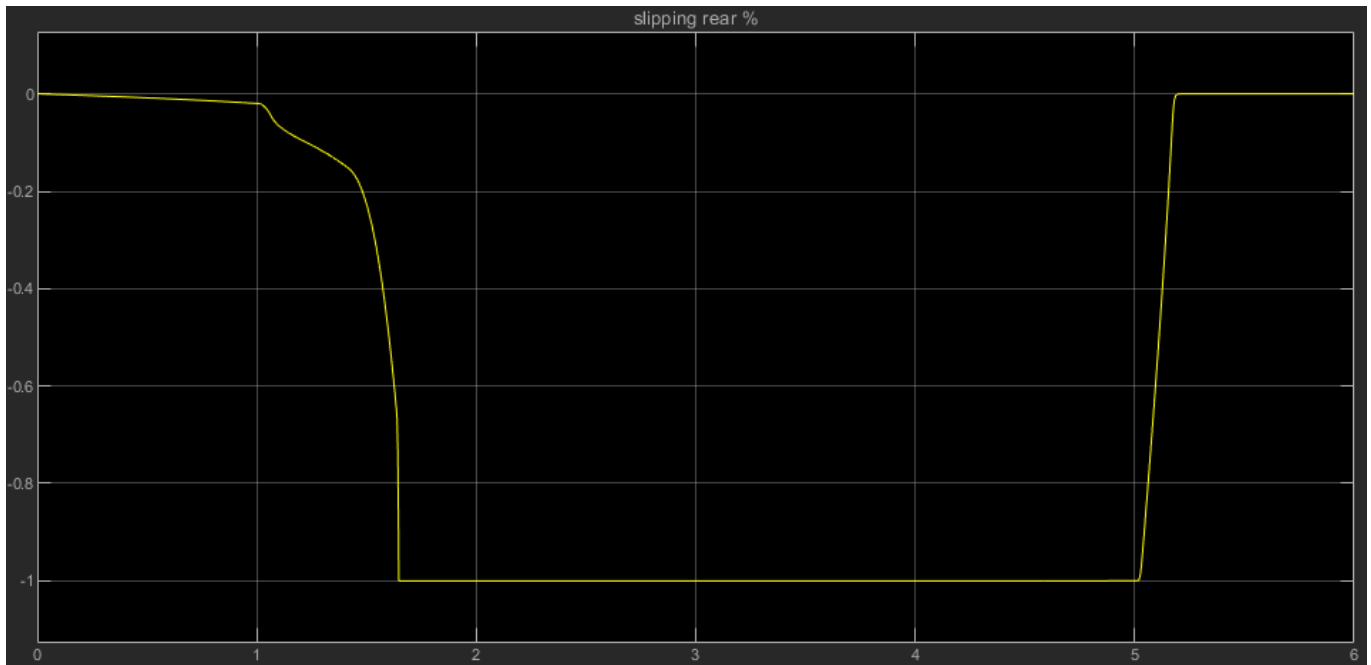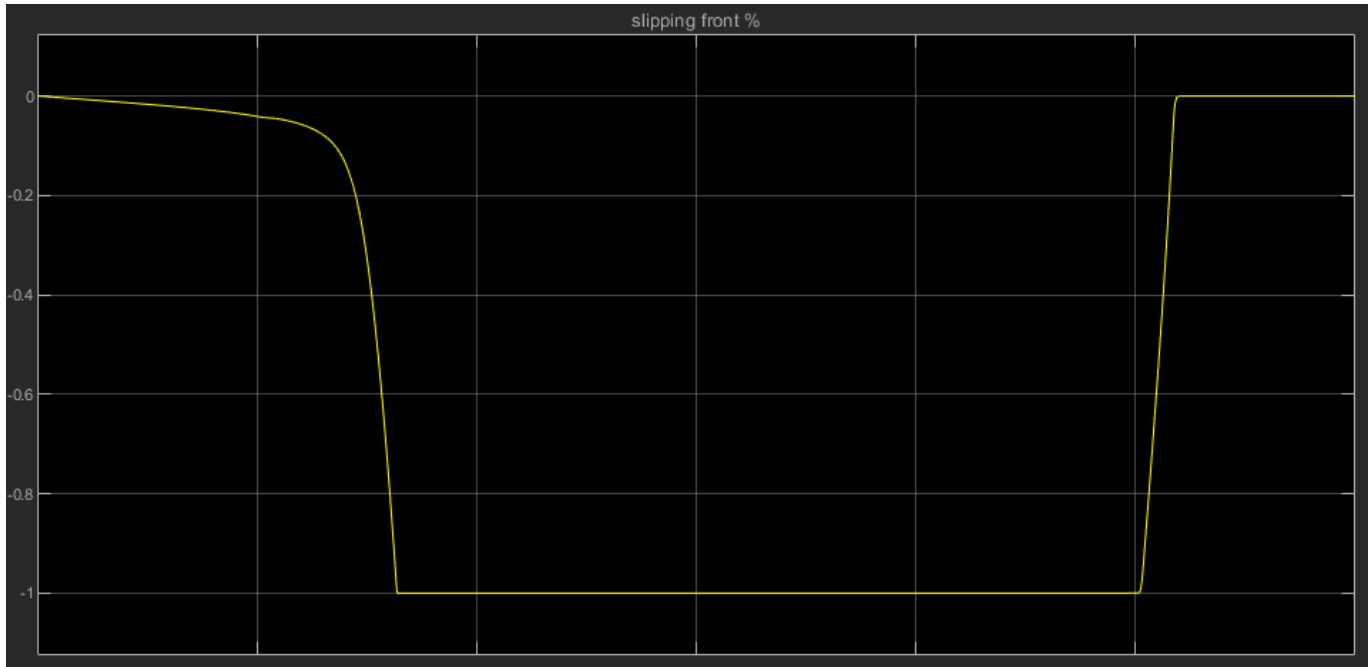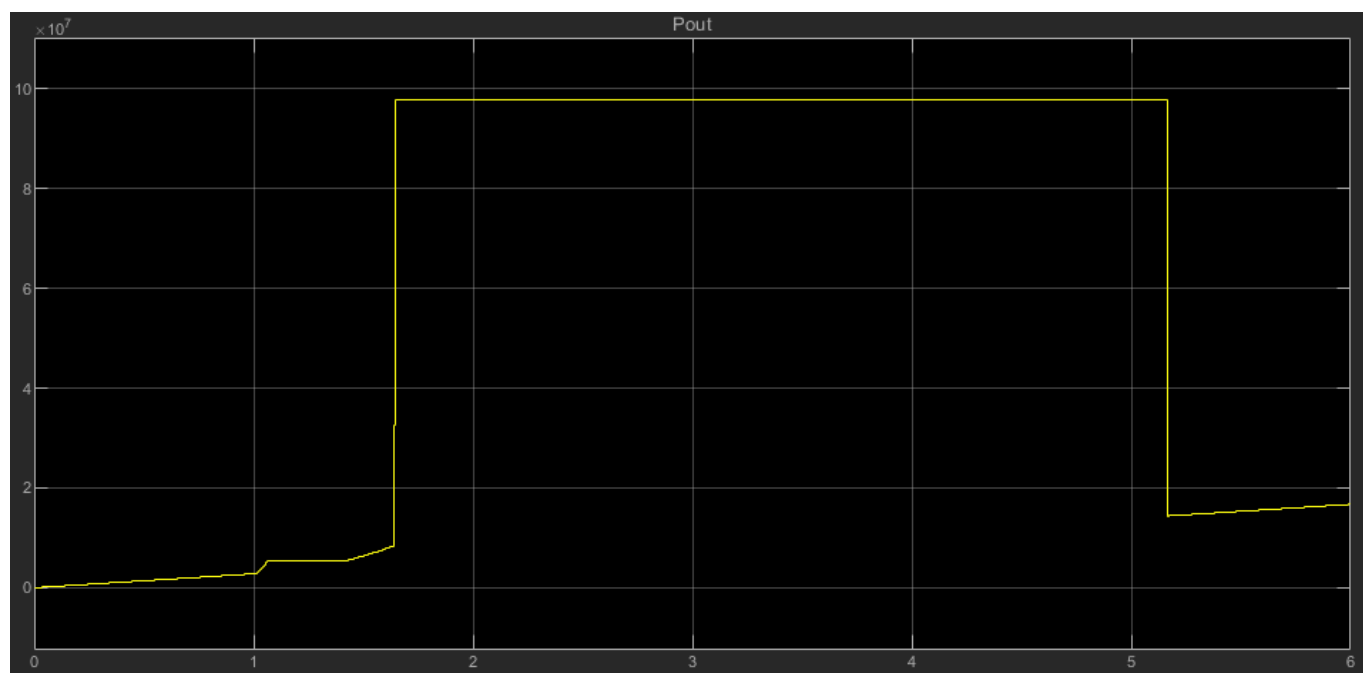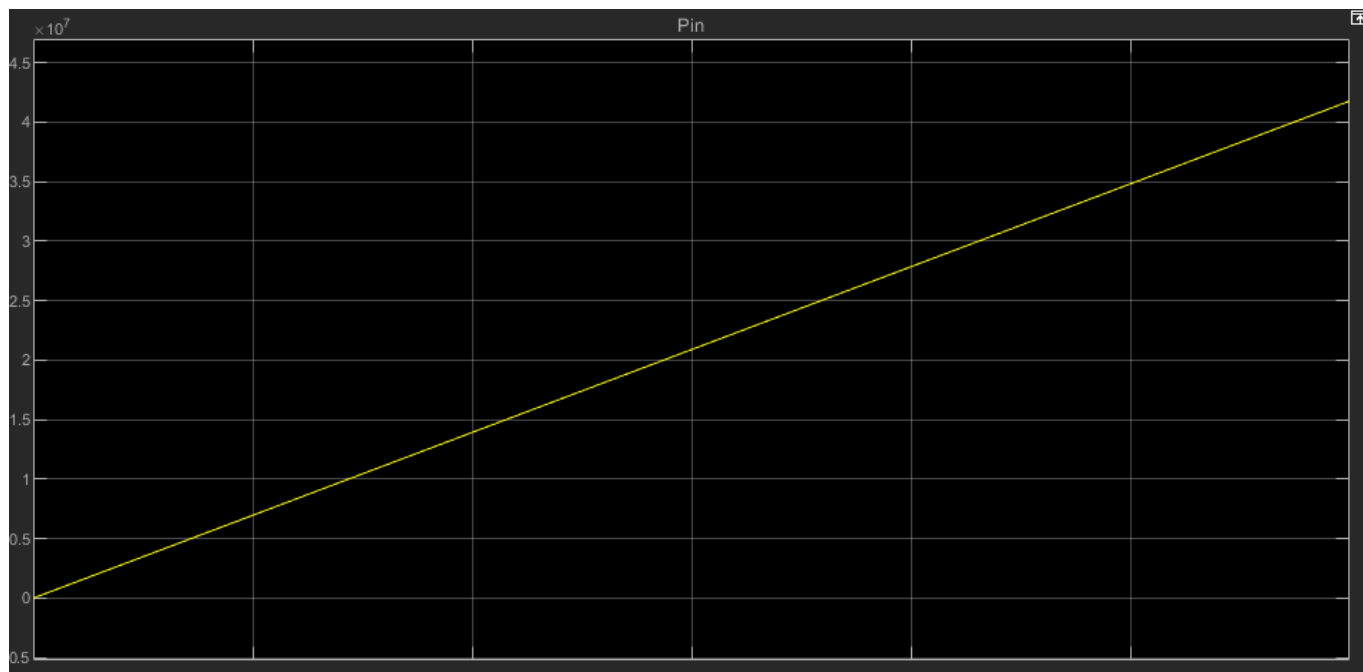

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EBD:

EBD is a system that aims for optimizing the braking performance by making sure that each wheel receives the suitable amount of braking force, resulting in the same value of slipping on front and rear wheels. Hence decreasing the stopping distance and increasing control over the vehicle.

MATLAB Snippets:

slipping front %

slipping rear %

Pin

Pout

Comments:

- Pressure out which is the rear wheels pressure is modified so that the rear slipping is equal to the front slipping.