

Statement of Participation

iversity hereby certifies that **Mohammed Elhifnawy** has participated in the following course:

Vehicle Dynamics II: Cornering

Taught from February 2016 to May 2016 by Univ.-Prof. Dr.-Ing. Martin Meywerk.

The single track model is derived including slip angle and Kamm's circle. Steady state cornering, stability and the influence of weight distribution between the wheels is investigated. Two mechatronic applications are explained.



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