

Vehicle Dynamics and Control – Tyre Lab

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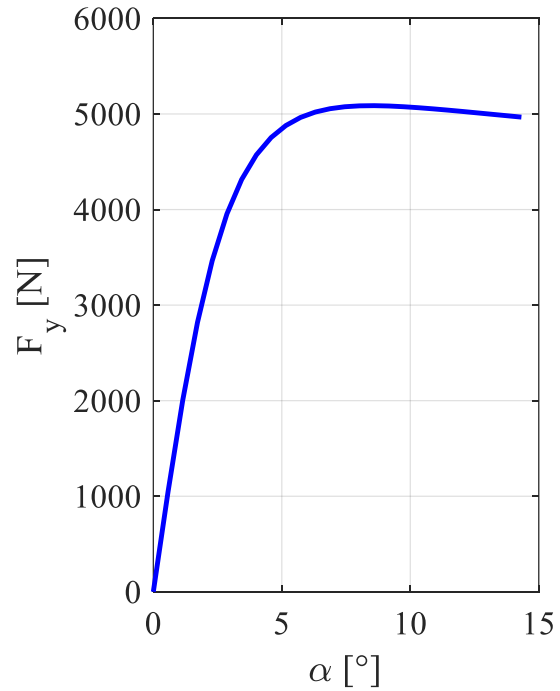
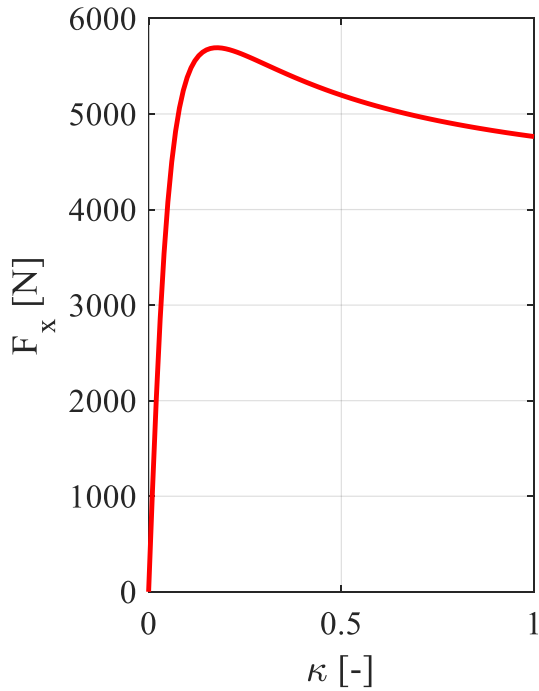
Car segment: pickup

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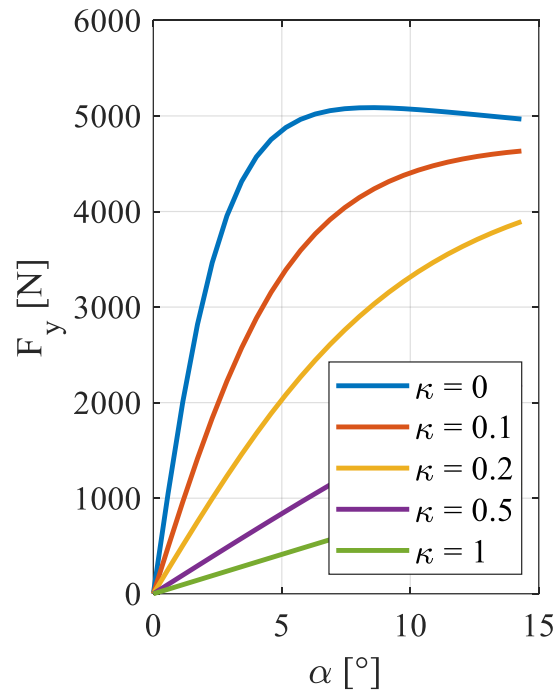
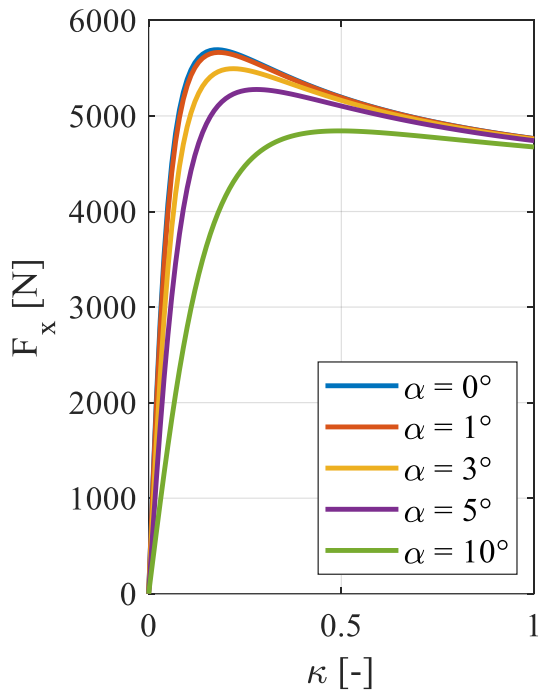
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Static behavior

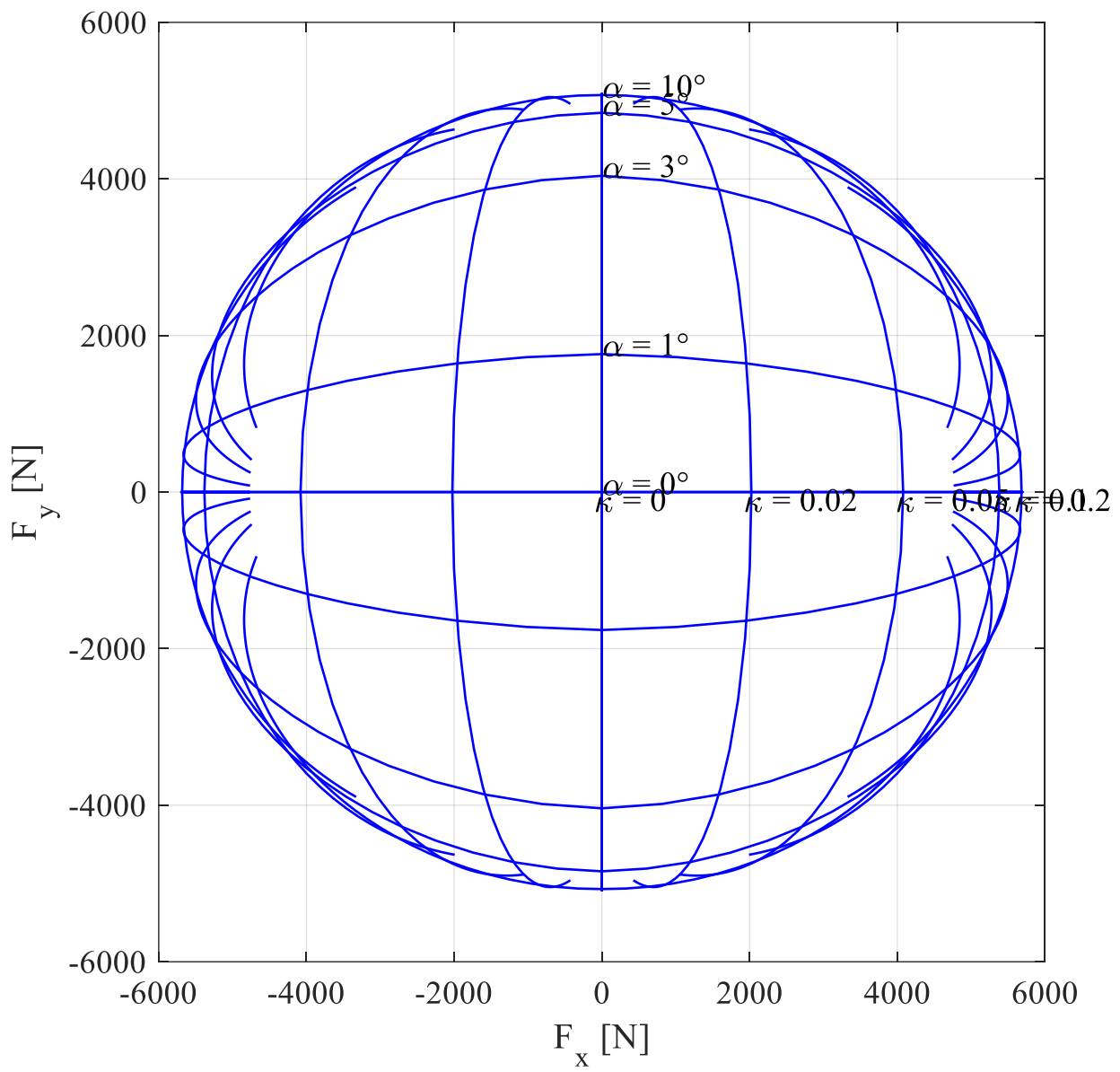
Longitudinal and lateral forces



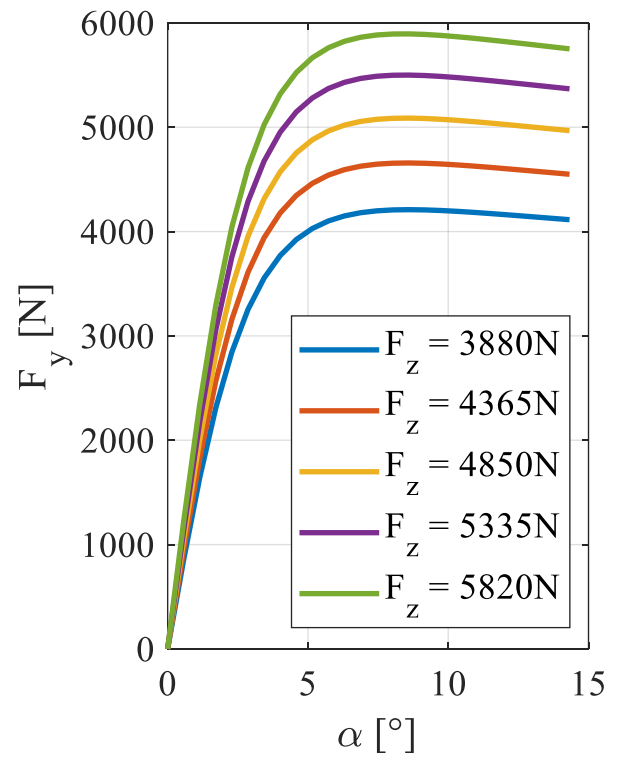
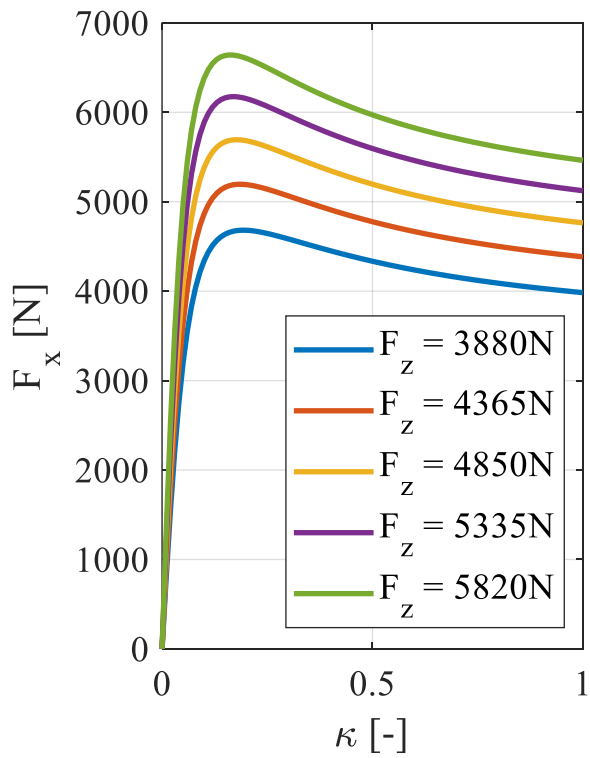
Combined slip effect



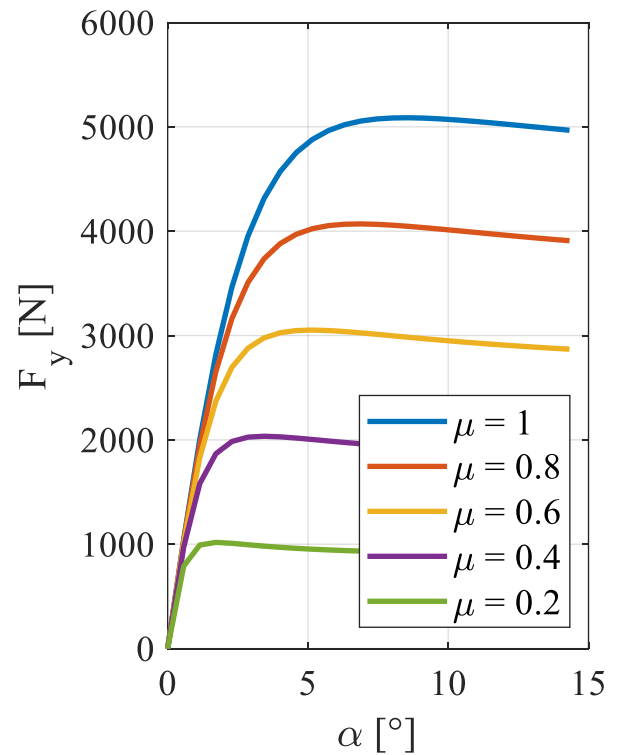
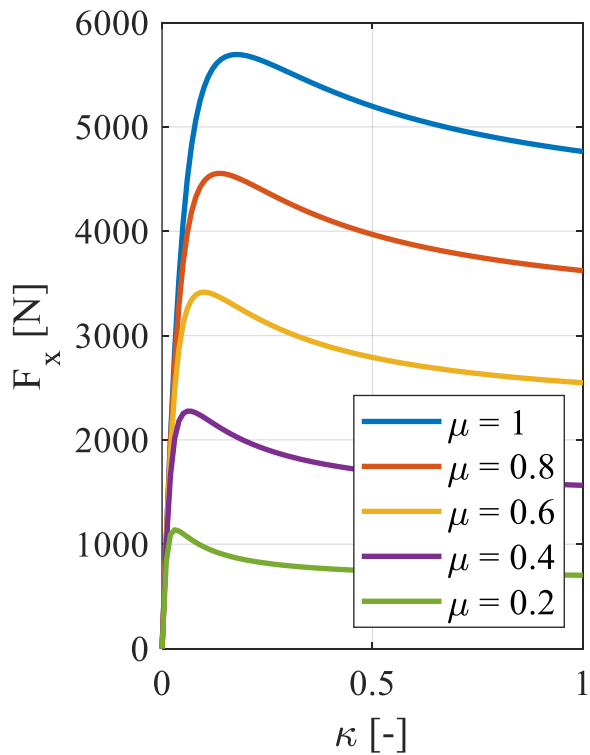
Combined friction forces



Vertical load effect

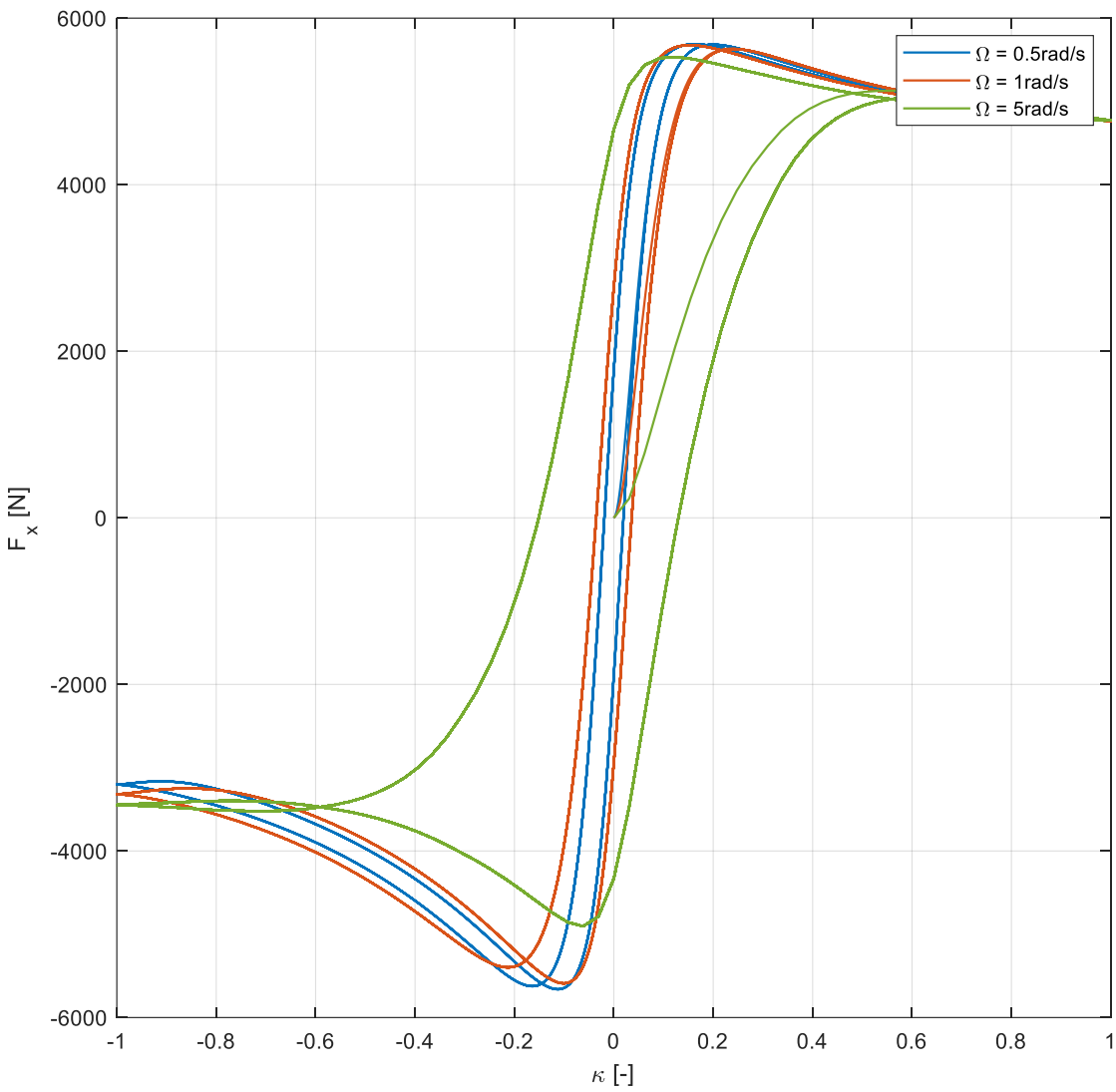


Friction coefficient effect



Transient behavior

Longitudinal force



Lateral force

