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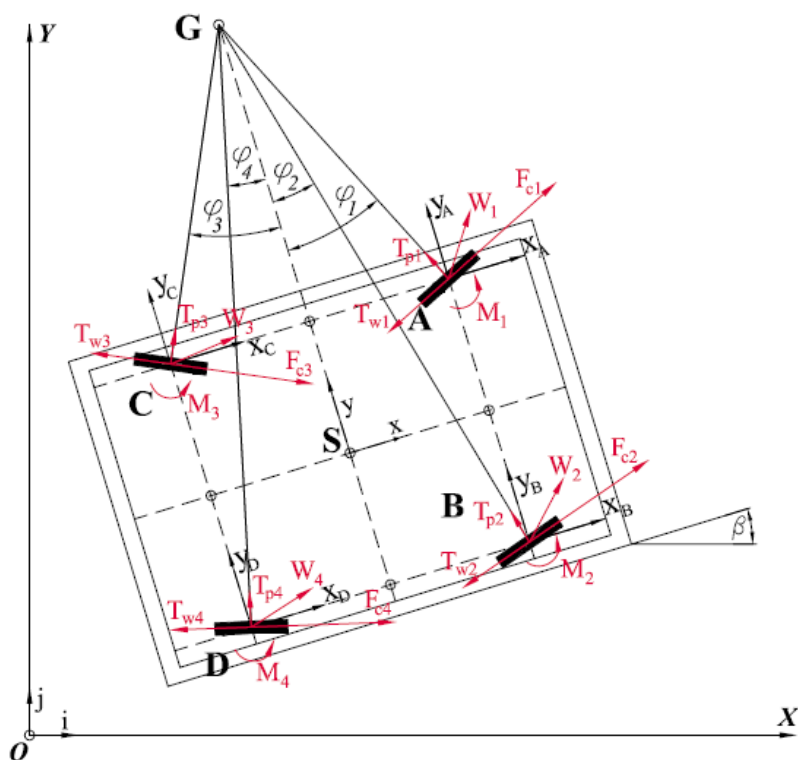
Dynamics modelling of the four-wheeled mobile platform

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[Graphical Abstract]



Highlights:

- Representation of behavior of the mobile platform under slippage circumstances,
- Simulation of trajectory of motion of the four-wheeled mobile platform,
- Numerical solution of the dynamical motion equations in progressive motion of the center of mass of the platform and rotational motion around center of mass of the platform.

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