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1. Dynamic axle loads on a vehicle under arbitrary condition It is an important step in analysis of acceleration and braking performance because the axle loads determine the tractive effort obtainable at each axle. - acceleration - gradeability - maximum speed Forces: $W=mg$ =weight @ C.G. W_{front} = Weight @front wheel W_{rear} = Weight @rear wheel

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concerned with the movements of vehicles\p=m-\automobiles, trucks, buses, and special-purpose vehicles\p=m-\on a road surface. The movements of interest are acceleration and braking, ride, and turning.

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New York Governor Andrew M. Cuomo announced a package of major clean transportation initiatives, including a "Make Ready" order approved by the New York State Public Service Commission (PSC) to advance New York's commitment to accelerate its transition to cleaner mobility.. The EV Make-Ready Program will be funded by investor-owned utilities in New York State.

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