

Models of Dynamics are Quite Sophisticated

More realistic **dynamics** models **incorporate**

- **mass distribution**,
- **acceleration** and **braking**,
- **suspension** and **steering**,
- **aerodynamics**,
- **tires** and **traction** (including issues of slippage both laterally and due to overly rapid braking), and
- even **distortions in** the car's and tires' **shapes** during high-speed turns.