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## Errata of the textbook “Traffic Flow Dynamics – Data, Models, and Simulation”

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In the following, we list only errors relating to the content.

- **Chapter 9.5, page 146:** There are sign errors in Equation (9.31): The correct equation reads

$$S_{\text{inh}} = -\frac{Q^2}{\rho I} \frac{dI}{dx} + \frac{Q\nu_{\text{rmp}}}{\rho} + \rho A_{\text{rmp}}. \quad (9.31)$$

- **Solutions to Problem 9.5, page 455:** In the last equation of this solution, there are sign errors related to that of Chapter 9.5: The right-hand side of this equation should read

$$\frac{\rho V_e^* - Q}{\tau} - \frac{Q^2}{\rho I} \frac{dI}{dx} + \frac{Q\nu_{\text{rmp}}}{\rho} + \rho A_{\text{rmp}}.$$

- **Table 11.2, page 190:** The typical parameter values of this table are valid for cars, only. On freeways/highways, trucks (and their drivers) are characterized by a desired speed of 80 km/h. In any scenario, the time-gap parameter of trucks is of the order of 2 s, and the acceleration and comfortable deceleration parameters are somewhat lower than that for cars.