

## Typos

Last updated: 9/17/20

Page 219. Third line from bottom. Replace value by values.

Page 221. In equation (4.105), replace ending comma by period.

Page 205. Replace Turning by Turing in the third line from the bottom of paragraph preceding section 4.7. Also in caption of Figure 4.23.

Page 291. In problem 5.27(b), “Explain why  $t_0 - \Delta t = b + f(b)t_0$  and  $t_0 + \Delta t = a + f(a)t_0$ ” should be “Explain why  $x_0 = b + f(b)(t_0 - \Delta t)$  and  $x_0 = a + f(a)(t_0 + \Delta t)$ ”. There are also two changes that improve the clarity of the problem: (1) In part (a),  $\alpha, \beta$  also depend on  $\Delta x$  while in part (b),  $a, b$  also depend on  $\Delta t$ ; (2) To avoid confusion with how  $x_0$  is used later in the problem, the respective sentences in the preamble could be stated as: It is assumed that a car with initial location  $\bar{x}_0$  has velocity  $f(\bar{x}_0)$ . Consequently, the position of this car at any later time  $t$  is  $x = \bar{x}_0 + f(\bar{x}_0)t$ .

Page 301. Figure 6.2. Replace A in the upper image by X.