

Errata for FRTF01 Exercises 2015

Solution to 0.1 d. Equation (0.3) should be

$$\dot{x}_2 = 3x_1 - 7x_2.$$

Solution to 1.4. Equation (1.10) should be

$$V = \frac{d[P]}{dt} = \frac{k_2[E_0][S]}{[S] + \frac{k_{-1}+k_2}{k_1} \left(1 + \frac{k_3}{k_{-3}}[I]\right)}.$$

Exercise 2.5. Equation (2.1) should be

$$r(k) = 0.9 \cdot r(k-1) + u(k-1)$$