

ERRATA

1. In line 7 of page 18, “Lemma 1.4” should be “Lemma 1.20”.
2. In line 12 from bottom of page 18, “Property 1.2” should be “Property 1.4”.
3. In lines 2 to 4 below equation (1.60) of page 21, “Under Assumptions 1.1 and 1.4” should be “Under Assumption 1.4 ”.
4. In Remark 1.29 of page 24, “if $C_m X + D_m Z + F_m = 0$ implies $CX + DZ + F = 0$, or what is the same, there exist a matrix T such that $C = TC_m$, $D = TD_m$, $F = TF_m$,” should be “if $C_m X + D_m KZ + F_m = 0$ implies $CX + DKZ + F = 0$, or what is the same, there exist a matrix T such that $C = TC_m$, $DK = TD_m K$, $F = TF_m$,”.
5. In page 25, the first line in the proof of Theorem 1.30, replace “Due to assumption 1.1, and the satisfaction of condition (1.24), there” with “There”.
6. In page 25, line 4 of the proof of Theorem 1.30, replace “Property 1.5” with “Property 1.5 due to condition (1.24)”
7. In page 25, line 1 in the proof of (ii) implies (iii), “ (K_1, K_2, G_1, G_2) ” should be “ $(K_1, K_2, \mathcal{G}_1, \mathcal{G}_2)$ ”.
8. In page 25, line 4 in the proof of (ii) implies (iii), “ $X_{cw} = [X_w, Z_w]$ with $X_w \in \mathcal{R}^n$ ” should be “ $X_{cw} = \begin{bmatrix} X_w \\ Z_w \end{bmatrix}$ with $X_w \in \mathcal{R}^{n \times q}$ ”
9. In equation (1.112) of page 32, $e(t + 1)$ should be $e(t)$.
10. In line 1 from bottom of page 40, “in x ” should be “in x and u ”.
11. In line 14 of page 42, “ $V(x)$ ” should be “ $V(x, t)$ ”.
12. In line 10 from bottom of page 44, “with respect to x ” should be “with respect to (x, u, μ) ”.
13. In line 7 from bottom of page 44, “piecewise functions” should be “piecewise continuous functions”.
14. In page 53, line 3 of Definition 2.40, “defined on X ” should be “defined on $T(X)$ ”.
15. In line 3 from bottom of page 76, “Definition 2.2” should be “Definition 2.1”.
16. In equation (4.46) of page 123 and Lemma 4.13 of page 127, “ $l_q \lambda_l$ ” should be “ $l_q \lambda_q$ ”.
17. In line 1 from bottom of page 136, “two properties” should be “property”.
18. In page 156, line 9, $[-0.2826, -1.1604, 6.8783, 3.1500]$ should be $[0.7233, 1.3021, -7.65, -3.15]$.
19. In page 157, Lines 3 and 4 below Table 5.2 should be replaced by
$$\begin{aligned} K_1 &= [4.4202, 6.0215, -24.8575, -7.8002], \\ K_2 &= [-1.124, 1.466, -0.0267, -2.6839]. \end{aligned}$$
20. In line 10 of page 161, “ $g_0(x, w)$ ” should be “ $g_0(x, u)$ ”.

21. In line 17 of page 161, ' $\mathbf{x}(\mathbf{u}, \mathbf{w})$ ' should be ' $\mathbf{x}(\mathbf{v}, \mathbf{w})$ '.
22. In line 1 from bottom of Φ of page 167, the second " a_2 " should be " a_3 ".
23. In page 168, Line 16, "real numbers" should be "real row vectors".
24. In page 179, lines 3 to 5 should be replaced by "Solving the Sylvester equation $T\Phi - MT = N\Psi$ gives the unique nonsingular matrix T , and hence the internal model (6.36)."
25. In line 2 of $f_c(x_c, v, w)$ of page 188, " g_z " should be " g_ζ ".
26. In page 188, line 25, " $V_0 \in \mathcal{R}^q$ " should be " $V_0 \subset \mathcal{R}^q$ ".
27. In page 188, line 26, " $W \in \mathcal{R}^{n_w}$ " should be " $W \subset \mathcal{R}^{n_w}$ ".
28. In page 189, line 2, " $X \in \mathcal{R}^n$ " should be " $X \subset \mathcal{R}^n$ ".
29. In page 189, line 5, " $V \in \mathcal{R}^q$ " should be " $V \subset \mathcal{R}^q$ ".
30. In page 190, lines 16, 22, 30 and 38, " $V_0 \in \mathcal{R}^q$ " should be " $V_0 \subset \mathcal{R}^q$ ".
31. In page 190, lines 17, 23, 30 and 38, " $W \in \mathcal{R}^{n_w}$ " should be " $W \subset \mathcal{R}^{n_w}$ ".
32. In line 7 from bottom of page 192 and line 2 of page 193, " f " should be " f_0 ".
33. In line 11 from bottom of page 196, $\tilde{\alpha}(s) = \delta\sigma_z(\kappa(2s)) = \delta\kappa^2(2s)c(\kappa(2s))$ should be $\tilde{\alpha}(s) = \delta\sigma_z(2\kappa(s)) = \delta(2\kappa(s))^2c(2\kappa(s))$.
34. In line 1 of page 197, $\delta\kappa^2(2s)c(\kappa(2s))$ should be $\delta(2\kappa(s))^2c(2\kappa(s))$.
35. In page 213, the first equation of (7.87), " $\dots 20v_2$ " should be " $\dots 20v_2) + 0.2(v_2 - v_1)y$ ".
36. In page 213, the line 3 from the bottom, " $\dots (0.1wy)$ " should be " $\dots (0.1wy) + 0.2(v_2 - v_1)y$ ".
37. In page 214, the first equation of (7.88), " $0.2v_1y$ " should be " $0.2v_2y$ ".
38. In page 254, line 2 from bottom, " $l_q\lambda_l$ " should be " $l_q\lambda_q$ ".
39. In equations (8.92) and (8.95), " $g(k(\mathbf{z}(\mathbf{v}, \mathbf{w})), \mathbf{0})$ " should be " $g(\mathbf{z}(\mathbf{v}, \mathbf{w}), \mathbf{0})$ ".