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Strategies for Feedback Linearisation: A Dynamic Neural Network Approach

Errata list

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Errata

Items to date: April 7, 2003.

1. p. 93, first paragraph of Section 4.7.4, line 3. Replace "and it really has" by "than it really has".
2. p.6, Figure 1.3. The input variables labelled x_{j1}, x_{j2}, x_{j3} should read u_{j1}, u_{j2}, u_{j3} . Also v_j should read d_j , $\varphi_j(\cdot)$ should read σ_j and y_j should read z_j .
3. p. 7 Figure 1.5. The input variables should read u_1, u_2, u_3 instead of x_1, x_2, x_3 . The output variable should read z instead of y .
4. p. 43. Line 3 of paragraph below Equation (3.80). λ_ρ should read λ_r .
5. p. 102. Equation (5.1) should read:

$$\max_{x \in K} \left| f(x) - \sum_{i=1}^{N_h} c_i \sigma \left(\sum_{j=1}^n w_{ij} x_j + b_i \right) \right| \leq \epsilon \quad (0.1)$$

6. p. 103. First paragraph of Section 5.3. Line 3: "The first section of this chapter" should read "Section 5.3.1". Line 9: delete the phrase: "specifically with systems where the control appears linearly, i.e. control affine systems [107]". Line 9: The last sentence of this paragraph "Lastly, the closing section uses a Lyapunov approach to extend the identification analysis to general nonlinear systems [79]" should read "Section 5.3.3 uses a Lyapunov approach to find an upper bound for the norm of the approximation error for general nonlinear systems".