

1. Pg. 1: replace “three” with “four”.
2. Pg. 9: Fig. 1-12, the two vectors “ $\hat{\mathbf{I}}$ ” should be parallel.
3. Pg. 16: “ F_x , where g is the gravitational force per unit mass.”
4. Pg. 27: replace “Eqn. (1.44)” with “Eqn. (1.54)”.
5. Pg. 57: replace “Eqn. (2.16)” with “Eqn. (2.21)”.
6. Pg. 72: replace “ $\lambda(t)$ ” with “ λ ”.
7. Pg. 88: “displacements”. This is a problem in the calculus of variations (see next section). This”.
8. Pg. 95: Fig. 4-4, replace “ $\bar{x}(\bar{t})$ ” with “ $x(\bar{t})$ ”.
9. Pg. 106: replace “Fig. 5-1” with “Fig. 5-3”, “Fig. 5-2” with “Fig. 5-4”, and “Fig. 5-3” with “Fig. 5-2”.
10. Pg. 113: “exists a function $V^c(u_1, \dots, u_N)$ ”.
11. Pg. 113: summation variable on summation sign in Eqn. (6.20) should be c , not p .
12. Pg. 116: replace “ b_{i_n} ” with “ b_{i_1} ”.
13. Pg. 121: top line, replace “ \dot{q}_a ” with “ \dot{q}_α ”.
14. Pg. 139: Fig. 7-4, replace \underline{T}_1 and \underline{T}_2 by \underline{M}_1 & \underline{M}_2 , respectively; remove angle ϕ .
15. Pg. 163: Prob. 8/5, replace “z-axis” with “y-axis”.
16. Pg. 175: Prob. 9/2, remove last term in eqn. for V .
17. Pg. 183: before “Since the only” add “where h is the energy, a constant of the motion”.
18. Pg. 201: Prob. 11/1, replace “ ψ ” with “ $\dot{\psi}$ ”.
19. Pg. 218: Fig. 12-10, interchange “ \hat{I} ” and “ \hat{i} ”.
20. Pg. 239: in eqn. for T_+ , replace “ $p_r \dot{x}_+^r$ ” with “ $P_r \dot{x}_+^r$ ”.
21. Pg. 242: Fig. 13/5, label points O, A, B, and C.
22. Pg. 242: Fig. 13/7, label points A, B, C, and D.
23. Pg. 254: Fig. 14-3, remove angle θ and its label.
24. Pg. 269: Eqn. (15.24), “ H_{pp}^* ”.
25. Pg. 314: replace “Eqns. (8.4)” with “Eqns. (8.40)”.
26. Pg. 321: replace “ $\gamma = \varepsilon(t)$ ” by “ $\varepsilon = \gamma(t)$ ”.
27. Pg. 323: Eqn. (18.22), replace “ $R_r(q_r)$ ” with “ $R_r(q_s)$ ” and “ γ ” with “ γ_s ”.
28. Pg. 331: remove “ $H^*(Q_r, P_r, t)$ ” from Eqn. (18.43); remove “ $= H(q_r, p_r, t)$ ” from Eqn. (18.45).



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