

# Publications

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## Journal Papers

1. D. S. Bernstein, "The Treatment of Inputs in Real-Time Digital Simulation," *Simulation*, Vol. 33, No. 2, pp. 65-68, 1979.
2. D. S. Bernstein and E. G. Gilbert, "Optimal Periodic Control: The  $\pi$  Test Revisited," *IEEE Trans. Autom. Contr.*, Vol. AC-25, pp. 673-684, 1980.
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6. D. S. Bernstein, "Control Constraints, Abnormality, and Improved Performance by Periodic Control," *IEEE Trans. Autom. Contr.*, Vol. AC-30, pp. 367-376, 1985.
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14. D. S. Bernstein and W. M. Haddad, "Optimal Output Feedback for Nonzero Set Point Regulation," *IEEE Trans. Autom. Contr.*, Vol. AC-32, pp. 641-645, 1987.
15. D. S. Bernstein and W. M. Haddad, "Optimal Projection Equations for Discrete-Time Fixed-Order Dynamic Compensation of Linear Systems with Multiplicative White Noise," *Int. J. Contr.*, Vol. 46, pp. 65-73, 1987.
16. D. C. Hyland and D. S. Bernstein, "The Majorant Lyapunov Equation: A Nonnegative Matrix Equation for Guaranteed Robust Stability and Performance of Large Scale Systems," *IEEE Trans. Autom. Contr.*, Vol. AC-32, pp. 1005-1013, 1987.
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