

# Edward J. Davison

## List of Publications

### Notation:

- (J) Journal paper with referee review system
- (C) Conference paper with referee review system
- (Corr) Correspondence paper with referee review system
- (CA) Conference paper accepted by abstract only
- (CH) Chapter contributed in book
- (O) Other

## 1965

1. (C) Davison, E.J., “An automatic way of finding ‘optimal’ control systems for large multi-variable plants”, *Proc IFAC Tokyo Symposium*, August 1965, pp 357-373.

## 1966

2. (J)<sup>1</sup> Davison, E.J., “A method for simplifying linear dynamic systems”, *IEEE Trans on Automatic Control*, vol AC-11, no 1, January 1966, pp 93-101.
3. (C) Davison, E.J., “A numerical method of finding the poles and zeros of a control system”, *Proc 3rd Congress of IFAC*, June 1966, London, pp 1B.1-1B.7.
4. (O) Davison, E.J., Cowan, K., “Functional optimization by Rosenbrock’s method of hill-climbing”, *SHARE Library*, no 3466, December 1966.

## 1967

5. (Corr) Chidamabara, M.R., Davison, E.J., “On a ‘method for simplifying linear dynamic systems’”, *IEEE Trans on Automatic Control*, vol AC-12, no 1, February 1967, pp 119-121.
6. (J) Davison, E.J., “The stability of certain classes of differential equations”, *IEEE Trans on Automatic Control*, vol AC-12, no 1, February 1967, pp 118-119.
7. (J) Davison, E.J., “Reality of eigenvalues for a class of real unsymmetric matrices”, *Matrix and Tensor Quarterly*, vol 17, no 3, March 1967, pp 96-101.
8. (Corr) Chidamabara, M.R., Davison, E.J., “Further remarks on simplifying linear dynamic systems”, *IEEE Trans on Automatic Control*, vol AC-12, no 2, April 1967, pp 213-214.
9. (J) Davison, E.J., “Reality of eigenvalues for a class of real unsymmetric matrices”, *Matrix and Tensor Quarterly*, vol 17, no 4, June 1967, pp 137-140.

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<sup>1</sup>This paper has been identified as being one of the most cited items in its field according to data taken from *Science Citation Index (SCI)* and has appeared in the Citation Classics section of *Current Contents (CC)*: Engineering, Technology and Applied Sciences, April 25, 1983, vol 14, no 17, p 20.

10. **(Corr)** Davison, E.J., Siljak, D.D., "A note on the parameter plane in the design of control systems", *IEEE Trans on Automatic Control*, vol AC-12, no 3, June 1967, pp 343-344.
11. **(J)** Davison, E.J., "Control of a distillation column with pressure variations", *Trans Instn Chem Engrs*, vol 45, no 6, July-August 1967, pp 228-250.
12. **(J)** Davison, E.J., "A high order Crank-Nicholson technique for solving differential equations", *Computer Journal*, vol 10, no 2, August 1967, pp 195-197.
13. **(J)** Davison, E.J., "Reality of eigenvalues for a class of real unsymmetric matrices", *Matrix and Tensor Quarterly*, vol 13, no 1, September 1967, pp 15-16.
14. **(J)** Davison, E.J., "The stability of nonlinear time-varying system", *IEEE Trans on Automatic Control*, vol AC-12, no 5, October 1967, pp 627-628.
15. **(J)** Davison, E.J., Varaiya, P.P., Silverman, L.M., "Controllability of a class of nonlinear time-variable systems", *IEEE Trans on Automatic Control*, vol AC-12, no 6, December 1967, pp 791-792.
16. **(Corr)** Chidamabara, M.R., Davison, E.J., "Further comments on 'A method for simplifying linear dynamic systems'", *IEEE Trans on Automatic Control*, vol AC-12, December 1967, pp 799-800.
17. **(J)** Davison, E.J., "The identification of parameters in large linear dynamic systems", *International J of Control*, vol 5, no 2, 1967, pp 123-130.

## 1968

18. **(J)** Davison, E.J., "The numerical solution of large systems of linear differential equations", *AICHE Journal*, vol 14, no 1, January 1968, pp 46-50.
19. **(CA)** Davison, E.J., Monro, D.M., "A computation technique for finding time optimal controls", *Hawaii International Conference on System Sciences*, January 1968, pp 341-344.
20. **(J)** Davison, E.J., "The stability of an  $n$ th-order nonlinear time-varying differential system", *IEEE Trans on Automatic Control*, vol AC-13, no 1, January 1968, pp 99-102.
21. **(J)** Davison, E.J., "A computational way of determining stability of periodic linear systems", *International J of Control*, vol 7, no 3, March 1968, pp 247-250.
22. **(J)** Davison, E.J., "Some sufficient conditions for the stability of a linear time-varying system", *International J of Control*, vol 7, no 4, April 1968, pp 377-380.
23. **(J)** Davison, E.J., "A new method for simplifying large linear dynamic systems", *IEEE Trans on Automatic Control*, vol AC-13, no 2, April 1968, pp 214-215.
24. **(J)** Davison, E.J., "Application of the describing function technique in a single loop feedback system with two nonlinearities", *IEEE Trans on Automatic Control*, vol AC-13, no 2, April 1968, pp 168-170.
25. **(J)** Davison, E.J., "The simplification of large linear systems", *Control*, May 1968, pp 418-419.

26. **(J)** Davison, E.J., Man, F.T., “The numerical solution of  $\underline{A}'\underline{Q} + \underline{Q}\underline{A} = -\underline{C}$ ”, *IEEE Trans on Automatic Control*, vol AC-13, no 4, August 1968, pp 448-449.
27. **(C)** Davison, E.J., Goldberg, R.W., “Optimum variable measurement in multivariable control systems”, *IFAC Symposium on Multivariable Systems*, Dusseldorf, Germany, October 1968, Section 9, pp 1-16.
28. **(C)** Davison, E.J., “The stability of a second order linear periodic system”, *ASME Winter Power Annual Meeting*, New York, NY, December 1968.
29. **(J)** Davison, E.J., Man, F.T., “Stability conditions for an  $n$ th-order nonlinear time-varying differential system”, *IEEE Trans on Automatic Control*, vol AC-13, no 6, December 1968, pp 723-724.
30. **(J)** Davison, E.J., Wonham, W.M., “On pole assignment in linear multivariable systems”, *IEEE Trans on Automatic Control*, vol AC-13, no 6, December 1968, pp 747-748.

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31. **(CA)** Davison, E.J., “On pole assignment in linear systems with incomplete state feedback”, *2nd Hawaii Conference on Systems*, January 1969, pp 301-304.
32. **(J)** Davison, E.J., Alas, R., “Numerical optimization of large interconnected systems”, *AIChE Journal*, vol 15, no 2, March 1969, pp 276-281.
33. **(J)** Davison, E.J., Cowan, K., “A computational method for determining the stability region of a second-order nonlinear autonomous system”, *International J of Control*, vol 9, no 3, March 1969, pp 349-357.
34. **(J)** Davison, E.J., Goldberg, R.W., “A design technique for the incomplete state feedback problem in multivariable control systems”, *Automatica*, vol 5, May 1969, pp 335-346.
35. **(C)** Davison, E.J., “A nonminimum phase index and its application to interacting multivariable control systems”, *IFAC IVth Congress*, Warsaw, June 1969, Paper no 61.1, pp 1-21.
36. **(J)** Davison, E.J., “The stability of a second order linear periodic system”, *Trans ASME, Series D Journal of Basic Engineering*, vol 91, no 2, June 1969, pp 207-210.
37. **(C)** Davison, E.J., Monro, D.M., “A computational technique for finding time optimal controls of nonlinear time-varying systems”, *JACC 1969*, Colorado, August 1969, pp 270-280.
38. **(C)** Davison, E.J., “A nonminimum phase index and its application to interacting control systems”, *JACC 1969*, Colorado, August 1969, pp 675-676.
39. **(J)** Davison, E.J., “A nonminimum phase index and its application to interacting control systems”, *Automatica*, vol 5, November 1969, pp 791-799.

## 1970

40. **(CA)** Davison, E.J., Chadha, K.J., "On the control of large linear constant systems: Example of a chemical plant", *Third Hawaii International Conference on System Sciences*, January 14-16, 1970, pp 622-625.
41. **(J)** Davison, E.J., Seugnet, J.M., "A minimum time intercept problem", *IEEE Trans on Automatic Control*, vol AC-15, no 1, February 1970, pp 116-118.
42. **(J)** McLane, P.J., Davison, E.J., "Disturbance localization and decoupling in stationary linear multivariable systems", *IEEE Trans on Automatic Control*, vol AC-15, no 1, February 1970, pp 133-134.
43. **(J)** Davison, E.J., Man, F.T., "An interaction index for multivariable control systems", *Proc IEE*, vol 117, no 2, February 1970, pp 459-462.
44. **(J)** Davison, E.J., Ramesh, N., "A note on the eigenvalues of a real matrix", *IEEE Trans on Automatic Control*, vol AC-15, no 2, April 1970, pp 252-253.
45. **(Corr)** Davison, E.J., "Comments on the optimal control of the linear regulator with constant disturbances", *IEEE Trans on Automatic Control*, vol AC-15, no 2, April 1970, pp 264-265.
46. **(J)** Davison, E.J., "The interaction of control systems in a binary distillation column", *Automatica*, vol 6, May 1970, pp 447-461.
47. **(J)** Davison, E.J., "A computational method for finding the zeros of a multivariable linear time invariant system", *Automatica*, vol 6, May 1970, pp 481-484.
48. **(J)** Davison, E.J., "On pole assignment in linear systems with incomplete state feedback", *IEEE Trans on Automatic Control*, vol AC-15, no 3, June 1970, pp 348-351.
49. **(C)** Quintana, V.H., Davison, E.J., "A time-weighted gradient method for computing optimal controls", *JACC*, Georgia, June 1970, pp 43-50.
50. **(C)** Davison, E.J., Kurak, E.M., "A computational method for determining quadratic Lyapunov functions for nonlinear systems", *JACC 1970*, Georgia, June 1970, pp 57-65.
51. **(J)** Davison, E.J., Kunze, E.G., "Some sufficient conditions for the global and local controllability of nonlinear time-varying systems", *SIAM J of Control*, vol 8, no 4, June 1970, pp 489-497.
52. **(C)** Davison, E.J., "On the control of a large chemical plant", *20th Canadian Chemical Engineering Conference*, Sarnia, Ontario, October 1970, (invited paper).
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54. **(CA)** Davison, E.J., "A systematic design of control systems for chemical processes", *Symposium on Applications of Computers in Canadian Industries*, Canadian Society Chemical Engineers, November 1970, (invited paper).
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## 1971

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57. **(J)** Davison, E.J., Smith, H.W., "A computational technique for determining the steady-state output of a linear constant system with periodic input", *IEEE Trans on Circuit Theory*, vol CT-18, no 1, January 1971, pp 181-183.
58. **(C)** Davison, E.J., Rau, N.S., "The optimal output feedback control of a synchronous machine", *IEEE Power Winter Annual Meeting*, New York, NY, Paper No 71TP 102-PWR, January 1971, pp 1-10.
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60. **(Corr)** Davison, E.J., Chatterjee, R., "A note on pole assignment in linear systems with incomplete state feedback", *IEEE Trans on Automatic Control*, vol AC-16, no 1, February 1971, pp 98-99.
61. **(J)** Davison, E.J., Monro, D.M., "A computational technique for finding 'bang-bang' controls of nonlinear time-varying systems", *Automatica*, vol 7, March 1971, pp 255-260.
62. **(J)** Davison, E.J., Smith, H.W., "Pole assignment in linear time invariant multivariable systems with constant disturbances", *Automatica*, vol 7, July 1971, pp 489-498.
63. **(J)** Davison, E.J., Kurak, E.M., "A computational method for determining quadratic Lyapunov functions for nonlinear systems", *Automatica*, vol 7, no 5, September 1971, pp 627-636.
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## 1972

67. **(J)** Quintana, V.H., Davison, E.J., "Two numerical techniques to solve differential game problems", *International J of Control*, vol 16, no 3, 1972, pp 465-474.
68. **(CA)** Wang, S.H., Davison, E.J., "Design of minimal order controllers for exact model matching", *6th Annual Princeton Conference on Information Sciences & Systems*, Princeton, NJ, March 1972, pp 668-672.

69. **(J)** Davison, E.J., "On the optimal control of linear time-invariant systems with polynomial-type measurable disturbances", *Proc IEE*, vol 119, no 5, May 1972, pp 605-611.
70. **(J)** Davison, E.J., Chadha, K.J., "On the control of a large chemical plant by modal analysis", *Automatica*, vol 8, May 1972, pp 263-273.
71. **(C)** Davison, E.J., "The systematic design of control systems for large linear constant multivariable systems", *Vth IFAC Congress*, Session 29, Paris, Paper No 29.2, June 1972, pp 29.2-1 to 29.2-7.
72. **(J)** Smith, H.W., Davison, E.J., "The design of industrial regulators: Integral feedback and feedforward control", *Proc IEE*, vol 119, no 8, August 1972, pp 1210-1216.
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74. **(J)** Wang, S.H., Davison, E.J., "Solution of the exact model matching problem", *IEEE Trans on Automatic Control*, vol AC-17, no 4, August 1972, pp 574-575.
75. **(C)** Davison, E.J., "The output control of linear time-invariant multivariable systems with unmeasurable arbitrary disturbances", *1972 JACC*, Stanford University, CA, August 1972, pp 146-157.
76. **(J)** Davison, E.J., "The output control of linear time-invariant multivariable systems with unmeasurable arbitrary disturbances", *IEEE Trans on Automatic Control*, vol AC-17, no 5, October 1972, pp 621-630.
77. **(CA)** Davison, E.J., Wang, S.H., "Properties of linear time-invariant multivariable systems subject to arbitrary output and state feedback", *10th Annual Allerton Conference on Circuit and System Theory*, October 1972, pp 196-204.
78. **(CA)** Wang, S.H., Davison, E.J., "Canonical forms of linear multivariable systems", *Sixth Asilomar Conference on Circuits and Systems*, November 1972, pp 301-304.
79. **(J)** Davison, E.J., Ball, D., "On the global controllability of perturbed controllable systems", *IEEE Trans on Automatic Control*, vol AC-17, no 6, December 1972, pp 825-826.
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## 1973

81. **(J)** Quintana, V.H., Davison, E.J., "A numerical method for solving optimal control problems with unspecified terminal time", *International J of Control*, vol 17, no 1, 1973, pp 97-115.
82. **(J)** Davison, E.J., Rau, N.S., Palmay, F.V., "The optimal decentralized control of a power system consisting of a number of interconnected synchronous machines", *International J of Control*, vol 18, no 6, 1973, pp 1313-1328.
83. **(J)** Davison, E.J., "An algorithm for the computer simulation of very large dynamic systems", *Automatic*, vol 9, 1973, pp 665-675.

84. **(CA)** Wang, S.H., Davison, E.J., “On the stabilization of decentralized control systems”, *Sixth Hawaii International Conference on System Sciences*, January 1973, pp 403-404.
85. **(J)** Wang, S.H., Davison, E.J., “On the controllability and observability of composite systems”, *IEEE Trans on Automatic Control*, vol AC-18, no 1, February 1973, p 74.
86. **(J)** Davison, E.J., Chow, S.G., “An algorithm for the assignment of closed-loop poles using output feedback in large linear multivariable systems”, *IEEE Trans on Automatic Control*, vol AC-18, no 1, February 1973, pp 74-75.
87. **(J)** Davison, E.J., Maki, M.C., “The numerical solution of the matrix Ricatti differential equation”, *IEEE Trans on Automatic Control*, vol AC-18, no 1, February 1973, pp 71-73.
88. **(J)** Davison, E.J., Wang, S.H., “Properties of linear time-invariant multivariable systems subject to arbitrary output and state feedback”, *IEEE Trans on Automatic Control*, vol AC-18, no 1, February 1973, pp 24-32.
89. **(CA)** Wang, S.H., Davison, E.J., “Design of non-interacting controls using output feedback – A frequency domain approach”, *7th Annual Princeton Conference on Information Sciences & Systems*, Princeton, NJ, March 1973, pp 232-235.
90. **(J)** Davison, E.J., “The systematic design of control systems for large linear constant multivariable systems”, *Automatica*, vol 9, April 1973, pp 441-452.
91. **(CA)** Davison, E.J., “The generalized servomechanism problem”, *3rd Soviet All-Union Conference on Multivariable Systems*, Moscow, USSR, April 9-13, 1973, (invited paper).
92. **(C)** Wang, S.H., Davison, E.J., “A minimization algorithm for the design of linear multivariable systems”, *Joint Automatic Control Conference*, June 1973, pp 269-277.
93. **(J)<sup>2</sup>** Wang, S.H., Davison, E.J., “A minimization algorithm for the design of linear multivariable systems”, *IEEE Trans on Automatic Control*, vol AC-18, no 3, June 1973, pp 220-225.
94. **(C)** Quintana, V.H., Davison, E.J., “Exponential penalty-function methods for solving state variable inequality constraint problems”, *Pan American Congress of Mechanical and Electrical Engineering and its Allied Branches*, Bogota, Columbia, August 12-18, 1973.
95. **(J)** Davison, E.J., “The feedforward control of linear multivariable time-invariant systems”, *Automatica*, vol 9, no 5, September 1973, pp 561-573.
96. **(J)** Wang, S.H., Davison, E.J., “On the stabilization of decentralized control systems”, *IEEE Trans on Automatic Control*, vol AC-18, no 5, October 1973, pp 473-478.
97. **(J)** Wang, S.H., Davison, E.J., “A new invertibility criterion for linear multivariable systems”, *IEEE Trans on Automatic Control*, vol AC-18, no 5, October 1973, pp 538-539.
98. **(CA)** Davison, E.J., “The feedforward and feedback control of a general servomechanism problem, Part I”, *11th Annual Allerton Conference on Circuit & System Theory*, October 1973, pp 343-352.

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<sup>2</sup>This paper was chosen for honourable mention amongst the papers published in the *IEEE Trans on Automatic Control*, vol AC-18 (1973) and vol AC-19 (1974).

99. **(CA)** Davison, E.J., “The feedforward and feedback control of a general servomechanism problem, Part II”, *11th Annual Allerton Conference on Circuit & System Theory*, October 1973, pp 353-362.
100. **(CA)** Davison, E.J., “The decentralized stabilization and control of a class of unknown non-linear time-varying systems”, *11th Annual Allerton Conference on Circuit & System Theory*, October 1973, pp 790-797.
101. **(O)** Davison, E.J., Review of book: *Linear Optimization* by Spivey, W.A., Thrall, R.M.; Holt, Rinehart, Winston, 1970, *IEEE Trans on Automatic Control*, Newsletter no 51, November 1973.

## 1974

102. **(J)** Palmay, F.V., Davison, E.J., Duffin, J., “The simulation of multi-neuron networks: Modelling of the lateral inhibition of the eye and the generation of respiratory rhythm”, *Bull. Mathematical Biology*, vol 36, 1974, pp 77-90.
103. **(J)** Quintana, V.H., Davison, E.J., “Clipping-off gradient algorithms to compute optimal controls with constrained magnitude”, *International J of Control*, vol 20, no 2, 1974, pp 243-255.
104. **(J)** Davison, E.J., Wang, S.H., “Properties and calculation of transmission zeros of linear multivariable time-invariant systems”, *Automatica*, vol 10, 1974, pp 643-658.
105. **(C)** Davison, E.J., Chow, S.G., “Perfect control in linear time-invariant multivariable systems: The control inequality principle”, *8th Annual Princeton Conference on Information Sciences and Systems*, March 1974, pp 73-79.
106. **(C)** Goldenberg, A., Davison, E.J., “The feedforward and robust control of a general servomechanism problem with time lag”, *8th Annual Princeton Conference on Information Sciences and Systems*, March 1974, pp 80-84.
107. **(J)** Davison, E.J., Smith, H.W., “A note on the design of industrial regulators: Integral feedback and feedforward controllers”, *Automatica*, vol 10, no 3, May 1974, pp 329-332.
108. **(J)** Davison, E.J., “The decentralized stabilization and control of a class of unknown non-linear time-varying systems”, *Automatica*, vol 10, no 3, May 1974, pp 309-316.
109. **(Corr)** Davison, E.J., Smith, H.W., “On the feedforward and feedback design of industrial regulator”, *Proc IEE*, vol 121, no 5, May 1974, p 397.
110. **(CH)** Davison, E.J., Wang, S.H., “Transmission zeros in linear multivariable systems”, in *Pole-Zero Design Methods* (ed: F. Fallside), Academic Press, 1977, pp 16-42; presented at Pole-Zero Conference, St. John’s College, Cambridge, England, September 1974, (invited paper).
111. **(CH)** Davison, E.J., Chow, S.G., “Perfect control of linear multivariable systems”, in *Pole-Zero Design Methods* (ed: F. Fallside), Academic Press, 1977, pp 1-15; presented at Pole-Zero Conference, St. John’s College, Cambridge, England, September 1974, (invited paper).

112. **(CA)** Davison, E.J., “The stabilizability of large interconnected systems”, *12th Annual Allerton Conference on Circuit & System Theory*, October 1974, pp 53-62, (invited paper).
113. **(C)** Davison, E.J., Wong, P., “A robust algorithm that minimizes L-functions in a finite number of steps and rapidly minimizes general functions”, *IEEE Control & Decision Conference*, December 1974, pp 41-46.

## 1975

114. **(J)** Davison, E.J., Wang, S.H., “New results on the controllability and observability of general composite systems”, *IEEE Trans on Automatic Control*, vol AC-20, no 1, 1975, pp 123-128.
115. **(J)** Davison, E.J., Wong, P., “A robust conjugate-gradient algorithm which minimizes L-functions”, *Automatica*, vol 11, no 3, 1975, pp 297-308.
116. **(J)** Davison, E.J., Goldenberg, A., “The robust control of a general servomechanism problem: The servo compensator”, *Automatica*, vol 11, 1975, pp 461-471.
117. **(J)** Wang, S.H., Davison, E.J., “Design of noninteracting controls using output feedback – A frequency domain approach”, *International J Control*, vol 21, no 4, 1975, pp 529-536.
118. **(J)** Davison, E.J., Wang, S.H., “On pole assignment in linear multivariable systems using output feedback”, *IEEE Trans on Automatic Control*, vol AC-20, no 4, 1975, pp 516-518.
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120. **(J)** Wang, S.H., Dorato, P., Davison, E.J., “On the computation of minimal indices for linear multivariable systems”, *International J Control*, vol 21, no 4, 1975, pp 537-543.
121. **(CA)** Goldenberg, A., Davison, E.J., “The robust control of a general servomechanism problem for feedback gain parameter perturbations”, *8th Hawaii International Conference on System Sciences*, January 1975.
122. **(CA)** Davison, E.J., “Computer model of the cell: A program for life”, *Canadian Symposium on Biophysics*, Ottawa, May 1975, (invited paper).
123. **(C)** Davison, E.J., Goldenberg, A., “The robust control of a general servomechanism problem: The servo compensator”, *6th IFAC Congress on Automatic Control*, Boston, Cambridge, August 1975, Paper no 9.5, pp 1-9.
124. **(C)** Davison, E.J., “The modelling and behaviour of normal and abnormal cell growth”, *6th IFAC Congress on Automatic Control*, Boston, Cambridge, August 1975, Paper no 57.5, pp 1-8, (invited paper).
125. **(CA)** Davison, E.J., “Robust decentralized control of a general servomechanism problem”, *Conference on Directions in Decentralized Control, Many-Person Optimization and Large-Scale Systems*, Cambridge, MA, September 1-3, 1975, (invited paper).
126. **(J)** Davison, E.J., “The simulation of cell behaviour: Normal and abnormal growth”, *Math Bull. Biology*, vol 37, no 5, October 1975, pp 427-458.

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128. **(C)** Davison, E.J., “Decentralized control in large multivariable systems”, *IEEE Control & Decision Conference*, December 1975, pp 467-475, (invited paper).
129. **(C)** Davison, E.J., “Multivariable tuning regulators: The feedforward and robust control of a general servomechanism problem”, *IEEE Control & Decision Conference*, December 1975, pp 180-187.
130. **(C)** Davison, E.J., “The robust decentralized control of a general servomechanism problem”, *IEEE Control & Decision Conference*, December 1975, pp 815-821.
131. **(J)** Davison, E.J., “A generalization of the output control of a linear multivariable system subject to arbitrary disturbances”, *IEEE Trans on Automatic Control*, vol AC-20, no 6, December 1975, pp 788-792.

## 1976

132. **(CH)** Davison, E.J., “The stabilizability of general composite systems”, in *Recent Contributions to Large Scale Systems*, (ed: R. Saeks), Point Lobos Press, 1976, pp 184-194.
133. **(CH)** Davison, E.J., Cross, W.G., “An algorithm for the simulation of very large dynamic composite systems”, in *Recent Contributions to Large Scale Systems*, (ed: R. Saeks), Point Lobos Press, 1976, pp 240-255.
134. **(Corr)** Axelby, G., Davison, E.J., “On the computation of transmission zeros of linear multivariable systems”, *Automatica*, vol 12, no 5, 1976, pp 533-534.
135. **(CH)** Davison, E.J., “Decentralized stabilization and regulation in large multivariable systems”, in *Directions in Decentralized Control, Many-Person Optimization and Large Scale Systems*, (ed: Y.C. Ho, S. Mitter), Plenum Press, 1976, pp 303-323.
136. **(CA)** Davison, E.J., Cross, W.G., “An algorithm for the simulation of very large dynamic composite systems”, *9th Hawaii International Conference on System Sciences*, January 1976, pp 26-28, (invited paper).
137. **(J)** Wang, S.H., Davison, E.J., “Canonical forms of linear multivariable systems”, *SIAM J on Control & Optimization*, vol 14, no 2, February 1976, pp 236-250.
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139. **(J)** Davison, E.J., “Multivariable tuning regulators: The feedforward and robust control of a general servomechanism problem”, *IEEE Trans on Automatic Control*, vol AC-21, no 1, February 1976, pp 35-47.
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141. **(Corr)** Davison, E.J., Wang, S.H., “Remarks on multiple transmission zeros of linear multivariable systems”, *Automatica*, vol 12, no 2, March 1976, p 195.
142. **(C)** Davison, E.J., Cross, W.G., “An algorithm for the simulation of very large dynamic composite systems”, *7th Annual Modelling and Simulation Conference*, University of Pittsburg, April 26-28, 1976, pp 398-404.
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