

Publication List

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Refereed Publications (Archival Journals)

- J1 M. Tomizuka and Y. Tsujioka, "A Contribution to Optimum Nonlinear Control (on a system under an action of two disturbances)," Proceedings of the Fujihara Memorial Faculty of Engineering, Keio University, Tokyo, Japan, Vol. 22, No. 88, pp. 19-28, 1969.
- J2 M. Tomizuka and Y. Tsujioka, "Formulation of a "Multiple Targets Problem" and Its Analysis," Trans. of Society of Instrument and Control Engineers, Vol. 6, No. 3, pp. 228-233, June 1970 (in Japanese).
- J3 D. E. Whitney and M. Tomizuka, "Normal and Emergency Control of a String of Vehicles by Fixed Reference Sampled-Data Control," IEEE Trans. on Vehicular Technology, Vol. VT-21, No. 4, pp. 128-138, November 1972.
- J4 M. Tomizuka and D. E. Whitney, "On the Design of Servosystems," Int. Journal of Control, Vol. 17, No. 1, pp. 19-31, 1973.
- J5 M. Tomizuka, "Optimal Continuous Finite Preview Problem," IEEE Trans. on Automatic Control, Vol. AC-20, No. 3, pp. 362-365, June 1975.
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- J8 Y. Takahashi, M. Tomizuka and D. M. Auslander, "Simple Discrete Control of Industrial Processes-Finite Time Settling Control Algorithm for Single-Loop Digital Controller," Trans. of ASME, Journal of Dynamic Systems, Measurement and Control, Vol. 97, No. 4, pp. 354-361, December 1975.
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- J12 M. Tomizuka, "Optimum Linear Preview Control with Application to Vehicle Suspension-revisited," Trans. of ASME, Journal of Dynamic Systems, Measurement and Control, Vol. 98, No. 3, pp. 309-315, Sept. 1976 (also in the Proceedings of the 1976 Joint Automatic Control Conference, pp. 399-407).
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- J14 M. Tomizuka, "Series-Parallel and Parallel Identification Scheme for a Class of Continuous Nonlinear Systems," Trans. of ASME, Journal of Dynamic Systems, Measurement and Control, Vol. 99, No. 2, pp. 137-140, June 1977.
- J15 D. M. Auslander, M. Tomizuka and Y. Takahashi, "Process Control Experience and a Self-Tuning Method for a Discrete-Time, Finite-Time Settling Controller/Observer," Trans. of ASME, Journal of Dynamic Systems, Meas. and Control, Vol. 99, No. 3, pp. 209-211, September 1977.
- J16 M. Tomizuka and Y. Takahashi, "Deterministic Disturbance Rejection in Linear Identification," Trans. of ASME, Journal of Dynamic Systems, Meas. and Control, Vol. 99, No. 4, pp. 307-310, December 1977.
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