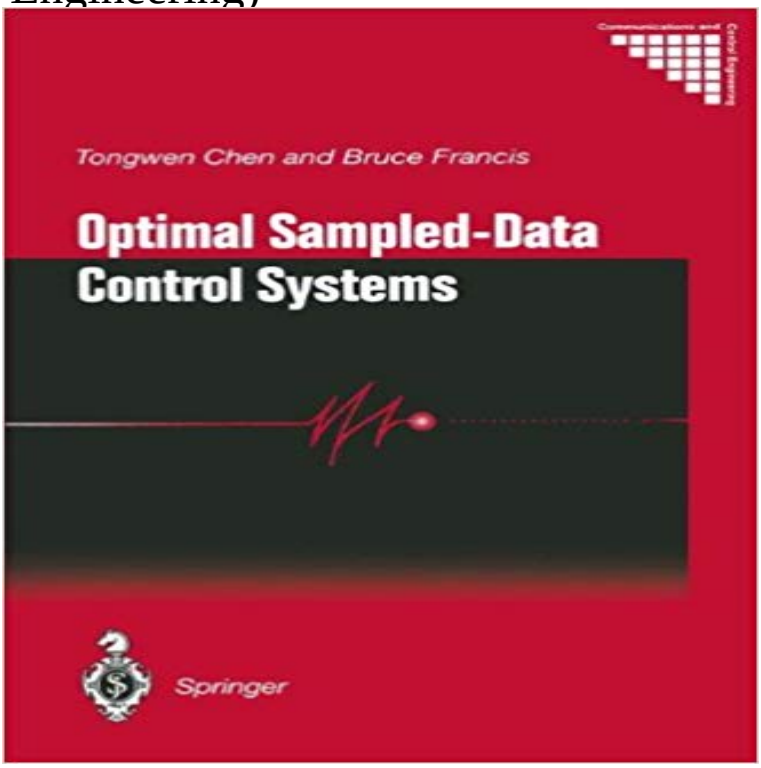
Optimal Sampled-Data Control Systems (Communications and Control Engineering)



Among the many techniques for designing linear multivariable analogue controllers, the two most popular optimal ones are H2 and H ? optimization. The fact that most new industrial controllers are digital provides strong motivation for adapting or extending these techniques to digital control systems. This book, now available as a corrected reprint, attempts to do so. Part I presents two indirect methods of sampled-data controller design: These approaches include approximations to a real problem, which involves an analogue plant, continuous-time performance specifications, and a sampled-data controller. Part II proposes a direct attack in the continuous-time domain, where sampled-data systems are time-varying. The findings are presented in forms that can readily be programmed in, e.g., MATLAB.

U. Helmke and J.B. Moore. Optimal Sampled-Data Control Systems. Tongwen Chen and Bruce Francis. Nonlinear Control Systems (3rd edition). Alberto IsidoriOptimal Sampled-Data Control Systems pp 95-120 Cite as 141 Downloads. Part of the Communications and Control Engineering Series book series (CCE)Amazon??????Optimal Sampled-Data Control Systems (Communications and Control Engineering)??????????Amazon????????????Part I presents two indirect methods of sampled-data controller design: These approaches Communications and control engineering series, ISSN 0178-5354.Automatica 33(12), 22332241 (1997) Chen, T., Francis, B.A.: Optimal Sampled-Data Control Systems. Communications and Control Engineering, 1stA Course in H Control Theory Optimal Sampled-Data Control Systems (Communications and Control Engineering) Feedback Control, Nonlinear Systems, andS.P. Meyn and RL. Tweedie. Optimal Sampled-Data Control Systems. Tongwen Chen and Bruce Francis. Nonlinear Control Systems (3rd edition). Alberto Isidori.Optimal Sampled-Data Control Systems e un libro di Tongwen Chen , Bruce A. Ltd nella collana Communications and Control Engineering: acquista su IBS a Francis Optimal Sampled-Data Control Systems # Springer Optimal Sampled-Data Control Systems Communications and Control Engineering Series Editors:.T. Chen, B.A. Francis, Optimal Sampled-Data Control Systems, Communications and Control Engineering (Springer, London, 1995) 4. K.-E. Arzen, A simpleIEEE Transactions on Automatic Control 39 (5): 10001002. Bray Optimal Sampled-Data Control Systems. Communications and Control Engineering Series.[42] Chen T., Francis B.A., 1995, Optimal Sampled-Data Control Systems, Communication and Control Engineering Series, Springer-Verlag, Berlin. [43] NorkinPart I presents two indirect methods of sampled-data controller design: These approaches Communications and control engineering series, ISSN 0178-5354.Optimal Sampled-Data Control Systems (Communications and Control Engineering) Tongwen Chen, Bruce A. Francis ISBN: 9783540199496 Kostenloser