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capturing critical system behaviors fit the model parameters based on that data and statistically characterize the resulting model The author has used the material in the undergraduate unit operations lab course and in advanced control applications

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Continuous Process Control Paul G. Friedmann, 1996 Addressing the needs of engineers interested in controlling a continuous process and designed to help technicians salespeople students managers and others handle real life industrial concerns This book belongs in every library Divided into two parts Part I provides a general background on the elements needed for continuous process control Measurements control systems and final control elements are discussed Simple and complex control techniques including model predictive control are described in detail Part II shows how these elements are combined to control actual processes Control strategies are explained and related to process problems and objectives Specific control designs needed to implement the strategies are described These designs address such problems as difficult measurements frequent disturbances and interacting loops

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