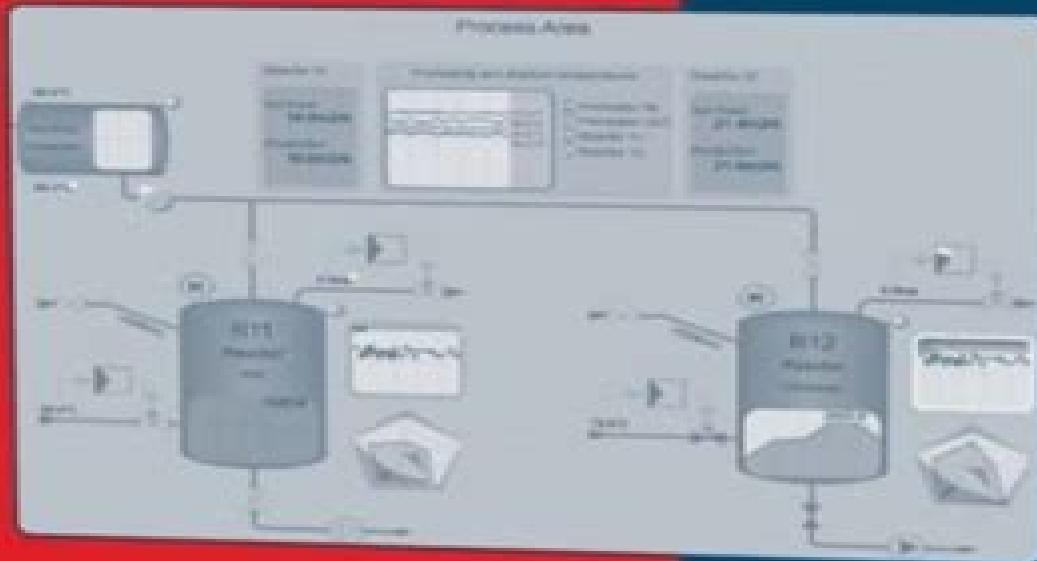


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Birol,2003-04-01 Illustrating techniques in model development signal processing data reconciliation process monitoring quality assurance intelligent real time process supervision and fault detection and diagnosis Batch Fermentation offers valuable simulation and control strategies for batch fermentation applications in the food pharmaceutical and chemical industries The book provides approaches for determining optimal reference trajectories and operating conditions estimating final product quality modifying adjusting and enhancing batch process operations and designing integrated real time intelligent knowledge based systems for process monitoring and fault diagnosis

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Subject Guide to Books in Print ,1975 Control Applications of Optimization 2000 (CAO 2000)

Valeriĭ Nikolaevich Zakharov,2000 This Proceedings contains the papers presented at the 11th IFAC Workshop on Control Applications of Optimization held at Saint Petersburg State University Saint Petersburg Russia on 3 6 July 2000 It was the 11th IFAC workshop of the Control Applications of Optimization series It explored current mathematical and engineering problems The range of the topics discussed included but was not restricted to optimal control control design control processed and stability optimal damping and oscillation games and stochastic control estimation and identification numerical methods control applications robust control nonlinear systems

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