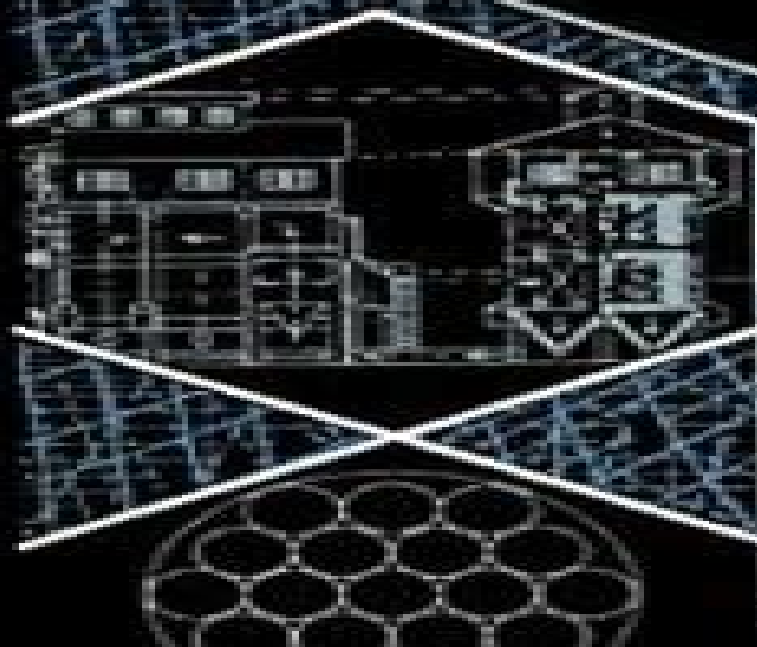


BASIC PROGRAMS FOR CHEMICAL ENGINEERS

Dennis Wright



Basic Programs For Chemical Engineers

D. Wright



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Programming for Chemical Engineers Using C, C++, and MATLAB? Raul Raymond Kapuno, 2008 Designed for chemical engineering students and industry professionals, this book shows how to write reusable computer programs. Written in the three languages C, C++, and MATLAB, it is accompanied by a CD-ROM featuring source code, executables, figures, and simulations. It also explains each program in detail.

Handbook of Fluidization and Fluid-Particle Systems Wen-Ching Yang, 2003-03-19 This reference details particle characterization, dynamics, manufacturing, handling, and processing for the employment of multiphase reactors, as well as procedures in reactor scale-up and design for applications in the chemical, mineral, petroleum, power, cement, and pharmaceuticals industries. The authors discuss flow through fixed beds, elutriation, and entrainment; gas distributor and plenum design in fluidized beds; effect of internal tubes and baffles; general approaches to reactor design; applications for gasifiers and combustors; dilute phase pneumatic conveying; and applications for chemical production and processing. This is a valuable guide for chemists and engineers to use in their day-to-day work.

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Applied Parameter Estimation for Chemical Engineers Peter Englezos, Nicolas Kalogerakis, 2000-10-12 This book determines adjustable parameters in mathematical models that describe steady state or dynamic systems presenting the most important optimization methods used for parameter estimation It focuses on the Gauss Newton method and its modifications for systems and processes represented by algebraic or differential equation models

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Fortran Programs for Chemical Process Design, Analysis, and Simulation A. Kayode Coker, 1995-01-25 Numerical Computation Physical Property Data Fluid Flow Equipment Sizing Instrument Sizing Compressors and Pump Hydraulics Mass Transfer Heat Transfer Engineering Economics Imperial SI Units Conversion Table Appendix A Tables Appendix B Source Code Printouts

Commencement Programs University of California, Berkeley, 1962

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