

Editorial

A LETTER TO CHEMICAL ENGINEERING SENIORS

This is the ninth Graduate Issue to be published by CEE and distributed to chemical engineering seniors interested in and qualified for graduate school. As in our previous issues we also include ads of departments on their graduate programs and some articles on graduate courses that are taught at various universities. However this year we are including a larger number of general papers on graduate education that we feel are of interest to both students and faculty and fewer courses. Therefore in order for you to obtain a broad idea of the nature of graduate course work, we encourage you to read not only the articles in this issue, but also those in previous issues. A list of these follows. If you would like a copy of a previous Fall issue, please write CEE.

Ray Fahien, Editor CEE
ChE, Dept., University of Florida
Gainesville, Florida 32611

AUTHOR	TITLE		
		Fall 1976	Fall 1972
Alkire	"Electrochemical Engineering"		Bell "Process Heat Transfer"
Bailey & Ollis	"Biochemical Engr. Fundamentals"		Chao & Greenkorn "Equilibrium Theory of Fluids"
DeKee	"Food Engineering"		Cooney "Biological Transport Phenomena and Biomedical Engineering"
Deshpande	"Distillation Dynamics & Control"		Curl & Kadlec "Modeling"
Johnson	"Fusion Reactor Technology"		Gainer "Applied Surface Chemistry"
Klinzing	"Environmental Courses"		Slattery "Momentum, Energy and Mass Transfer"
Lemlich	"Ad Bubble Separation Methods"		Kelleher & Kafes "Process and Plant Design Project"
Koutsky	"Intro. Polymer Science & Tech."		Douglas & Kittrell "Engineering Entrepreneurship"
Reynolds	"The Engineer as Entrepreneur"		Wei "How Industry Can Improve the Usefulness of Academic Research"
Rosner	"Energy, Mass and Momentum Transport"		Tepe "Relevance of Grad. ChE Research"
		Fall 1975	Fall 1971
Astarita	"Modern Thermodynamics"		Reid & Modell "Thermo: Theory & Applications"
Delgass	"Heterogeneous Catalysis"		Theofanous "Transport Phenomena"
Gruver	"Dynamical Syst. & Multivar. Control"		Weller "Heterogeneous Catalysis"
Liu	"Digital Computations for ChE's"		Westerberg "Computer Aided Process Design"
Manning	"Industrial Pollution Control"		Kabel "Mathematical Modeling . . ."
McCoy	"Separation Process"		Wen "Noncatalytic Heterogeneous Reaction Systems"
Walter	"Enzyme Catalysis"		Beamer "Statistical Analysis and Simulation"
		Fall 1974	Himmelblau "Optimization of Large Scale Systems"
Corripio	"Digital Computer Control of Process"		
Donaghey	"Solid-State Materials and Devices"		Fall 1970
Edgar	"Multivariable Control and Est."		Berg "Interfacial Phenomena"
Gates, et al.	"Chemistry of Catalytic Process"		Boudart "Kinetics of Chemical Processes"
Luks	"Advanced Thermodynamics"		Koppel "Process Control"
Melnik & Prober	"Wastewater Engineering for ChE's"		Leonard "Bioengineering"
Tavlarides	"Enzyme and Biochemical Engr."		Licht "Design of Air Pollution Control Systems"
Theis	"Synthetic & Biological Polymers"		Metzner & Denn "Fluid Mechanics"
Hamrin, et. al.	"Energy Engineering"		Powers "Separation Processes"
Sherwood	"History of Mass Transfer Theory"		Toor & Condiff "Heat and Mass Transfer"
		Fall 1973	Tsao "Biochemical Engineering"
Merrill	"Applied Chemical Kinetics"		
Locke & Daniels	"Corrosion Control"		Fall 1969
Moore	"Digital Computer Process Control"		Amundson "Why Mathematics?"
Wei	"Economics of Chem. Processing Industries"		Churchill "Theories, Correlations & Uncertainties for Waves, Gradients & Fluxes"
Hopfenberg	"Polymers, Surfactants and Colloidal Materials"		Hanratty "Fluid Dynamics"
Fricke	"Polymer Processing"		Hubert "Stat. Theories of Particulate Systems"
Tierney	"Staged Separations"		Lightfoot "Diffusional Operations"
O'Connell, et. al.	"Application of Molecular Concepts of Predicting Properties in Design"		Lapidus "Optimal Control of Reaction Systems"
			Prausnitz "Molecular Thermodynamics"
			Dougharty "Reactor Design"