

indeed perhaps the most important prerequisite, at least insofar as it forms the basis for physical property estimation and vapor-liquid equilibria calculation procedures. By this time, most students would also have completed their unit operations sequence of courses (which would also be obviously essential). There is no great loss with respect to reactor design, since most students would be taking the reactor design and computer-aided process design courses concurrently.

One can look forward to future interesting and exciting developments in the general area of computers in chemical engineering education. The CACHE Corporation has recently published a prospectus [20] to explore the possibility of creating a library of large-scale computer programs for use in chemical engineering education and research. Some of the programs currently being considered include: evaluation of alternate energy recovery systems, computer-aided control system design, computer package for the design and rating of multi-product batch plants, computer program for synthesis of flow sheets for continuous chemical processes, programs for computing vapor-liquid equilibria, and a physical property data service. The hope is that these programs could be installed on a computer network, similar to the mode of access to FLOWTRAN, and made available at reasonable cost to academic users. The ready availability of such programs would impact favorably not only upon an elective computer-aided process design course such as described herein, but also upon many of the other courses in the required chemical engineering curricula at most schools. □

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## ChE conferences

### ADVANCED SEMINAR ON DYNAMICS AND MODELLING OF REACTIVE SYSTEMS

• The Mathematics Research Center at the University of Wisconsin-Madison will hold an Advanced Seminar on Dynamics and Modelling of Reactive Systems, October 22-24, 1979. Lecturers will include N. R. Amundson, R. Aris, D. G. Aronson, G. F. Carrier, M. Feinberg, E. D. Gilles, P. S. Gough, L. N. Howard, J. B. Keller, D. Luss, J. Rinzel, R. A. Schmitz, J. H. Seinfeld and F. A. Williams. A detailed program will be available in August. Further information may be obtained from Mrs. Gladys Moran, Mathematics Research Center, Univ. of Wisconsin, 610 Walnut Street, Madison, Wisconsin 53706.