Up on our billboard goes "PLAGO/360 Users Manual" which is available from David R. Doucette, PLAGO Project Manager, Department of Electrical Engineering, Polytechnic Institute of Brooklyn, 333 Jay Street, Brooklyn, N.Y. 11201.

PLAGO is a dialect of PL/1 (dare we say, "PL/1 with a Brooklyn accent?") supported by a fast compiler-interpreter which runs on System/360 equipment. It will appeal to educational institutions by virtue of its efficiency in processing large numbers of short student jobs, and to industrial concerns wishing to introduce PL/1 for scientific applications. A newsletter accompanying the manual discusses the purchase arrangements and the kind of support that is to be available from P.I.B.

Other report announcements:
"Data Protection by Self-Aware Computing Systems" and "On Using Paging", both by W. M. McKeeman, University of California, Santa Cruz, California 95060, available on request. I don't try to cover all of the reports available through the Clearinghouse, as that is the function of U.S. Government Research and Development Reports, but one report of particular interest is AD 706 741 "An APL Machine" by Philip S. Abrams of Stanford University. Mr. Abrams has made a strong attack upon a major problem of APL implementation: the beginning of an APL expression may call for an enormous amount of computation, while most of the results may be discarded soon afterward. For example, an expression may specify that a particular element is to be selected from the sum of two large arrays. It is obviously desirable to discover that only a single sum is required before carrying out an element-by-element addition of the entire arrays. Mr. Abrams suggests how to do this.

— Jim Haynes