

Five-year author index

- AHUJA, D. V. and S. A. Coons, Interactive graphics in data processing: Geometry for construction and display 7, 3/4, 188 (1968).
- AHUJA, D. V., Interactive graphics in data processing: An algorithm for generating spline-like curves, 7, 3/4, 206 (1968).
- ALLEN, C. D., The application of formal logic to programs and programming, 10, 1, 2 (1971).
- APPEL, A., T. P. Dankowski, and R. L. Dougherty, Interactive graphics in data processing: Aspects of display technology, 7, 3/4, 176 (1968).
- APPEL, A., Interactive graphics in data processing: Modeling in three dimensions, 7, 3/4, 310 (1968).
- ARON, J. D., Real-time systems in perspective, 6, 1, 49 (1967).
- ASCOLY, J., see Kuki, H., 10, 1, 39 (1971).
- ASHER, J. R., see Skinner, C. E., 8, 4, 319 (1969).
- BARD, Y., Performance criteria and measurement for a time-sharing system, 10, 3, 193 (1971).
- BASKIN, H. B., and S. P. Morse, Interactive graphics in data processing: A multi-level modeling structure for interactive graphic design, 7, 3/4, 218 (1968).
- BELADY, L. A., M. W. Blasgen, C. J. Evangelisti, and R. D. Tennison, A computer graphics system for block diagram problems, 10, 2, 143 (1971).
- BENDER, G., D. N. Freeman, and J. D. Smith, Function and design of DOS/360 and TOS/360, 6, 1, 2 (1967).
- BLACK, B. C., and D. C. Gazis, Real-time traffic flow optimization, 10, 3, 217 (1971).
- BLAKENEY, G. R., L. F. Cudney, and C. R. Eickhorn, An application-oriented multiprocessing system, Part II, Design characteristics of the 9020 system, 6, 2, 80 (1967).
- BLASGEN, M. W., see Belady, L. A., 10, 2, 143 (1971).
- BOMBERAULT, A. M., see White, W. W., 8, 2, 147 (1969).
- BONNER, A. J., Using system monitor output to improve performance, 8, 4, 290 (1969).
- BRENNAN, R. D., and M. Y. Silberberg, Two continuous system modeling programs, 6, 4, 242 (1967).
- BREWER, A. C., Interactive scheduling system, 10, 1, 62 (1971).
- BROWN, S., Interactive graphics in data processing: Conversational job control, 7, 3/4, 271 (1968).
- BUCHHOLZ, W., A synthetic job for measuring system performance, 8, 4, 309 (1969).
- CAWSEY, G. P., see Wade, R. D., 8, 1, 28 (1969).
- CENFETELLI, A. R., Data management concepts for DOS/360 and TOS/360, 6, 1, 22 (1967).
- CHANG, W., Single-server queuing processes in computing, 9, 1, 36 (1970).
- CHEN, F. C., and R. L. Dougherty, Interactive graphics in data processing: A system for implementing interactive applications, 7, 3/4, 257 (1968).
- CHENG, P. S., Trace-driven system modeling, 8, 4, 280 (1969).
- CHIEN, R. T., see Tang, D. T., 8, 1, 48 (1969).
- COMBA, P. G., Interactive graphics in data processing: A language for three-dimensional geometry, 7, 3/4, 292 (1968).
- CONTI, C. J., D. H. Gibson, and S. H. Pitkowsky, Structural aspects of the System/360 Model 85, Part I, General organization, 7, 1, 2, (1968).
- COONS, S. A., see Ahuja, D. V., 7, 3/4, 188 (1968).
- CORNISH, R. E., see Gagliano, F., 7, 3/4, 281 (1968).
- CORYELL, D. A., see Ruggiero, J. F., 8, 2, 118 (1969).
- CREASY, R. J., Interactive graphics in data processing: Neutron cross-section evaluation, 7, 3/4, 355 (1968).
- CUDNEY, L. F., see Blakeney, G. R., 6, 2, 80 (1967).
- DANKOWSKI, T. P., see Appel, A., 7, 3/4, 176 (1968).
- DARGA, K., On-line inquiry under a small-system operating system, 9, 1, 2 (1970).
- DAY, C. W., and L. L. Zimmerman, Interactive graphics in data processing: Implementation and usage, 7, 3/4, 373 (1968).
- DAY, W. H. E., Compiler assignment of data items to registers, 9, 4, 281 (1970).
- DEMATTEIS, J. J., An economic lot-sizing technique, Part I, The part-period algorithm, 7, 1, 30 (1968).
- DEVEREAUX, J. A., An application-oriented multiprocessing system, Part III, Control program features, 6, 2, 95 (1967).
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- see also Chen, F. C., 7, 3/4, 257 (1968).

- DRUMMOND, M. E., JR., A perspective on system performance evaluation, **8**, 4, 252 (1969).
- EICKHORN, C. R., see Blakeney, G. R., **6**, 2, 80 (1967).
- EISENBIES, J. L., Conventions for digital data communication link design, **6**, 4, 267 (1967).
- ELSON, M., and S. T. Rake, Code-generation technique for large-language compilers, **9**, 3, 167 (1970).
- EVANGELISTI, C. J., see Belady, L. A., **10**, 2, 143 (1971).
- FERDINAND, A. E., An analysis of the machine interference model, **10**, 2, 129 (1971).
- FREEMAN, D. N., see Bender, G., **6**, 1, 2 (1967).
- FRIEDMAN, T. D., The authorization problem in shared files, **9**, 4, 258 (1970).
- GAGLIANO, F., H. W. Thombs, and R. E. Cornish, Interactive graphics in data processing: A conversational display capability, **7**, 3/4, 281 (1968).
- GALLI, E. J., and H. Yamada, An automatic dictionary and the verification of machine-readable text, **6**, 3, 192 (1967).
- GAZIS, D. C., see Black, B. C., **10**, 3, 217 (1971).
- GECSEI, J., see Mattson, R. L., **9**, 2, 78 (1970).
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- GOODMAN, A. S., see Lewis, P. A. W., **8**, 2, 136 (1969).
- GORENSTEIN, S., Programming for economic lot-sizes with precedences between items, **10**, 3, 232 (1971).
- GOULD, R. L., GPSS/360—an improved general purpose simulator, **8**, 1, 16 (1969).
- HANFORD, K. V., Automatic generation of test cases, **9**, 4, 242 (1970).
- HANSSMANN, F., W. Kistler, and H. Schulz, Modeling for computer center planning, **10**, 4, 305 (1971).
- HATFIELD, D. J., and J. Gerald, Program restructuring for virtual memory, **10**, 3, 168 (1971).
- HAUTH, C., Turnaround time for messages of differing priorities, **7**, 2, 103 (1968).
- HAVENDER, J. W., Avoiding deadlock in multitasking systems, **7**, 2, 74 (1968).
- HELLERMAN, H., Some principles of time-sharing scheduler strategies, **8**, 2, 94 (1969).
- HENRY, W. R., Hierarchical structure for data management, **8**, 1, 2 (1969).
- HERTEL, H. F., see Stanley, W. I., **7**, 2, 85 (1968).
- HOWRY, S. K., see McGee, W. C., **7**, 3/4, 342 (1968).
- HUNSINGER, L. E., see Stacy, E. W., **8**, 3, 220 (1969).
- JACOBS, J. H., and T. J. Dillon, Interactive Saturn flight program simulator, **9**, 2, 145 (1970).
- JACOBSEN, J. D., Interactive graphics in data processing: Geometric relationships for retrieval of geographic information, **7**, 3/4, 331 (1968).
- JEPHSON, J. S., R. P. McQuarrie, and R. E. Vogelsberg, A three-value computer design verification system, **8**, 3, 178 (1969).
- JOHNSON, C. I., Interactive graphics in data processing: Principles of interactive systems, **7**, 3/4, 147 (1968).
- KEEFE, D. D., Hierarchical control programs for systems evaluation, **7**, 2, 123 (1968).
- KEELEY, J. F., An application-oriented multiprocessing system, Part I, Introduction, **6**, 2, 78 (1967).
- KISTLER, W., see Hanssmann, F., **10**, 4, 305 (1971).
- KOLSKY, H. G., Problem formulation using APL, **8**, 3, 204 (1969).
- KUKI, H., and J. Ascoly, FORTRAN extended-precision library, **10**, 1, 39 (1971).
- LAFUENTE, J. M., Interactive graphics in data processing: Cam design on a graphics console, **7**, 3/4, 365 (1968).
- LANCOT, D. C., and R. L. Rockefeller, An application-oriented multiprocessing system, Part IV, The operational error analysis program, **6**, 2, 103 (1967).
- LEHMAN, M. M., see Shedler, G. S., **6**, 3, 142 (1967).
- LEWIS, P. A. W., A. S. Goodman, and J. M. Miller, A pseudo-random number generator for System/360, **8**, 2, 136 (1969).
- LIPTAY, J. S., Structural aspects of the System/360 Model 85, Part II, The cache, **7**, 1, 15 (1968).
- LORIN, H., A guided bibliography to sorting, **10**, 3, 244 (1971).
- LUETJE, J. H., Interactive aeronautical charting, **9**, 3, 219 (1970).
- MARGOLIN, B. H., R. P. Parmelee, and M. Schatzoff, Analysis of free-storage algorithms, **10**, 4, 283 (1971).
- MATTSON, R. L., J. Gecsei, D. R. Slutz, and I. L. Traiger, Evaluation techniques for storage hierarchies, **9**, 2, 78 (1970).

- MC GEE, W. C., H. R. Penafiel, and S. K. Howry, Interactive graphics in data processing: Analysis and display of physics data, 7, 3/4, 342 (1968).
- MCQUARRIE, R. P., see Jephson, J. S., 8, 3, 178 (1969).
- MEI, V., see Ricour, D. H., 6, 1, 38 (1967).
- MENDOZA, A. G., An economic lot-sizing technique, Part II, Mathematical analysis of the part-period algorithm, 7, 1, 39 (1968).
- MEYER, R. A., and L. H. Seawright, A virtual machine time-sharing system, 9, 3, 199 (1970).
- MILLER, J. M., see Lewis, P. A. W., 8, 2, 136 (1969).
- MONTALBANO, M., High-speed calculation of the critical paths of large networks, 6, 3, 163 (1967).
- MORSE, S. P., see Baskin, H. B., 7, 3/4, 218 (1968).
- MUELLER, J. H., Aspects of the Gemini real-time operating system, 6, 3, 150 (1967).
- NEUHOLD, E. J., The formal description of programming languages, 10, 2, 86 (1971).
- NEWITT, J. W., and A. Odarchenko, A structure for real-time Stenotype transcription, 9, 1, 24 (1970).
- ODARCHENKO, A., see Newitt, J. W., 9, 1, 24 (1970).
- OKAYA, Y., Interactive graphics in data processing: Interactive aspects of crystal structure analysis, 7, 3/4, 322 (1968).
- PADEGS, A., Structural aspects of the System/360 Model 85, Part III, Extension to floating-point architecture, 7, 1, 22 (1968).
- PARMELEE, R. P., see Margolin, B. H., 10, 4, 283 (1971).
- PENAFIEL, H. R., see McGee, W. C., 7, 3/4, 342 (1968).
- PIERCE, J. F., An economic lot-sizing technique, Part III, A multi-item economic lot-sizing problem, 7, 1, 47 (1968).
- PITKOWSKY, S. H., see Conti, C. J., 7, 1, 2 (1968).
- PRICE, J. F., see Stacy, E. W., 8, 3, 220 (1969).
- QUARLES, D. R., Trajectory control programs in support of Apollo missions, 9, 1, 12 (1970).
- RAKE, S. T., see Elson, M., 9, 3, 167 (1970).
- RICOUR, D. H., and V. Mei, Internal data management techniques for DOS/360, 6, 1, 38 (1967).
- ROCKEFELLER, R. L., see Lancto, D. C., 6, 2, 103 (1967).
- RUGGIERO, J. F., and D. A. Coryell, An auxiliary processing system for array calculations, 8, 2, 118 (1969).
- RULLY, A. D., Interactive graphics in data processing: A subroutine package for FORTRAN, 7, 3/4, 248 (1968).
- RYDER, K. D., A heuristic approach to task dispatching, 9, 3, 189 (1970).
- SCHATZOFF, M., see Margolin, B. H., 10, 4, 283 (1971).
- SCHULZ, H., see Hanssmann, F., 10, 4, 305 (1971).
- SEAMAN, P. H., and R. C. Soucy, Simulating operating systems, 8, 4, 264 (1969).
- SEAWRIGHT, L. H., see Meyer, R. A., 9, 3, 199 (1970).
- SEWARD, F. K., An application-oriented multiprocessing system, Part VI, Programs for the intended application, 6, 2, 124 (1967).
- SHEDLER, G. S., and M. M. Lehman, Evaluation of redundancy in a parallel algorithm, 6, 3, 142 (1967).
- SHEDLER, G. S., and S. C. Yang, Simulation of a model of paging system performance, 10, 2, 113 (1971).
- SILBERBERG, M. Y., see Brennan, R. D., 6, 4, 242 (1967).
- SKINNER, C. E., and J. R. Asher, Effects of storage contention on system performance, 8, 4, 319 (1969).
- SLUTZ, D. R., see Mattson, R. L., 9, 2, 78 (1970).
- SMITH, J. D., see Bender, G., 6, 1, 2 (1967).
- SOUCY, R. C., see Seaman, P. H., 8, 4, 264 (1969).
- STACY, E. W., L. E. Hunsinger, and J. F. Price, Determining economic sampling plans, 8, 3, 220 (1969).
- STANLEY, W. I., and H. F. Hertel, Statistics gathering and simulation for the Apollo real-time operating system, 7, 2, 85 (1968).
- STANLEY, W. I., Measurement of system operational statistics, 8, 4, 299 (1969).
- SUDA, R., An application-oriented multiprocessing system, Part V, The diagnostic monitor, 6, 2, 116 (1967).
- SYMONDS, A. J., Interactive graphics in data processing: Auxiliary-storage associative data structure for PL/I, 7, 3/4, 229 (1968).
- TANG, D. T., and R. T. Chien, Coding for error control, 8, 1, 48 (1969).

- TENNISON, R. D., see Belady, L. A., 10, 2, 143 (1971).
- THOMBS, H. W., see Gagliano, F., 7, 3/4, 281 (1968).
- TRAIGER, I. L., see Mattson, R. L., 9, 2, 78 (1970).
- TUCKER, S. G., Microprogram control in System/360, 6, 4, 222 (1967).
- VEBER, R. A. K., see Wade, R. D., 8, 1, 28 (1969).
- VOGELSBERG, R. E., see Jephson, J. S., 8, 3, 178 (1969).
- WADE, R. D., G. P. Cawsey, and R. A. K. Veber, A teleprocessing approach using standard equipment, 8, 1, 28 (1969).
- WHITE, W. W., and A. M. Bomberault, A network algorithm for empty freight car allocation, 8, 2, 147 (1969).
- WIMBROW, J. H., A large-scale interactive administrative system, 10, 4, 260 (1971).
- WOODRUM, L. J., Internal sorting with minimal comparing, 8, 3, 189 (1969).
A model of floating buffering, 9, 2, 118 (1970).
- YAMADA, H., see Galli, E. J., 6, 3, 192 (1967).
- YANG, S. C., see Shedler, G. S., 10, 2, 113 (1971).
- ZIMMERMAN, L. L., see Day, C. W., 7, 3/4, 373 (1968).