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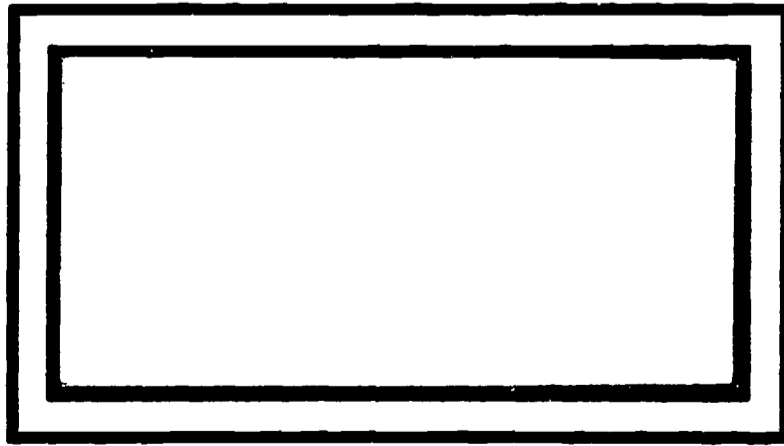
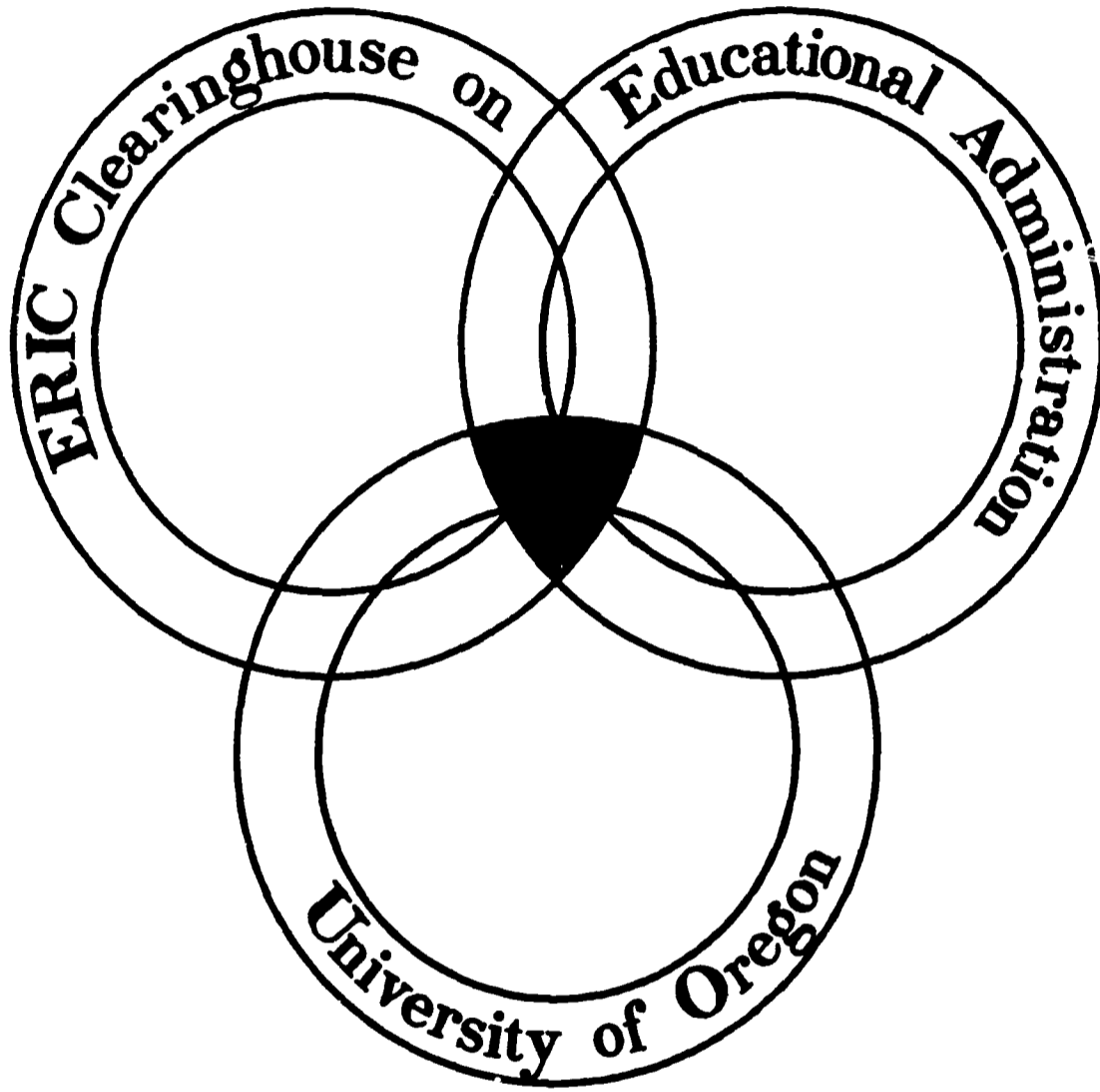
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## EDUCATIONAL DATA PROCESSING

### A Selected Bibliography of Journal Articles

- Abbott, R. M., "Data Processing for the Beginner," Association of School Business Officials of the United States and Canada, Proceedings 50:303-309 (1964).
- Albright, O. E., "Electronic Data Processing Procedures Developed for Typical School Business Problems," Association of School Business Officials of the United States and Canada, Proceedings 48:111-116 (1962).
- Allen, D. W., and D. DeLay, "Stanford's Computer System Gives Scheduling Freedom to 26 Districts," The Nation's Schools 77:124-125 (March, 1966).
- Anderson, G. E., Jr., "Data Processing Practice - How to make Educational Data Processing Fail," The Nation's Schools 76:54 (December, 1965).
- Anderson, G. E., Jr., "Data Processing Practice - No One Is Sure Where New Data Are Taking Education," The Nation's Schools 77:90 (February, 1966).
- Anderson, G. E., Jr., "Data Processing Practice - People Shortages Hamper EDP Programs in Schools," The Nation's Schools 78:98 (February, 1967).
- Anderson, G. E., Jr., "Data Processing Practice - These Are the Trends to Watch in Data Processing," The Nation's Schools 78:101-103 (October, 1966).
- Anderson, G. E., Jr., "Data Processing Practice - What E.D.P. Can Do For Your District," The Nation's Schools 73:74 (February, 1964).
- Apple, G. D., "E.D.P. in Dallas," The Texas Outlook 48:38-39 (October, 1964).
- Aukes, L. E., "A New Dimension in Utilizing Data in Computerized Admission Systems," College and University 42:259-263 (1967).
- "Automation in the Central Office," Overview 3:31+ (January, 1962).
- Babigian, G. R., "What to Check Before You Buy E.D.P. Equipment," The Nation's Schools 78:72-73 (September, 1966).
- Beaton, A. E., Jr., "University Data Processing Centers," Harvard Educational Review 31: 244-249 (1961).
- "Better Processing of Educational Data," The American School Board Journal 143:40+ (September, 1961).
- Bidwell, C. M., "The Information Problem: Codes for Media," Audiovisual Instruction 12:325-328 (1967).
- Biggs, V. B., "E.D.P. Feeds Memphis System With Food Service Data," The Nation's Schools 77:120-121 (March, 1966).
- Blank, J. F., "Are We in Need of Automated Business Equipment," Association of School Business Officials of the United States and Canada, Proceedings 50:79-81 (1964).

- Bushnell, D. D., "Educational Data Processing and Public Education," Association of School Business Officials of the United States and Canada, Proceedings 49:266-278 (1963).
- Byrum, J. C., "Automation Techniques Applied to Audio-visual Film Library Operations," Association of School Business Officials of the United States and Canada, Proceedings 49:163-167 (1963).
- Cahow, C. R., "Computer Technology for Campus Administration," American School and University 39:36+ (October, 1966).
- Cantrell, E. J., "E.D.P. - Automation in Texas Schools," The Texas Outlook 48:34-35 (October, 1964).
- Christen, F. L., "New Tools for Film Libraries - An Overview," Audiovisual Instruction 12:312-313 (1967).
- Collins, A. L., "Data Processing Helps Ease the Load," Ohio Schools 42:21-22 (April, 1964).
- Colmey, J. W., "Automation: How much and how Soon for your District," The Nation's Schools 70:66-68 (October, 1962).
- "Computer Services for Schools," School and Society 91:274+ (1963).
- "Computer Strengthens Process of Collecting Educational Data," Minnesota Journal of Education 47:37 (April, 1967).
- "Computers Speed Your School Shop Inquiries," School Shop 26:58 (May, 1967).
- Cook, F. S., "Status of Data Processing in American Secondary Schools," The Balance Sheet 47:347-350 (1966).
- Counce, S., and R. E. Davis, "Data Processing in a Large School System," The Bulletin of the National Association of Secondary-School Principals 47:137-145 (February, 1963).
- Cox, R. A., "International Use of Computers for Media Control," Audiovisual Instruction 12:330 (1967).
- Crews, J. E., "E.D.P. in Waco," The Texas Outlook 48-34-35 (October, 1964).
- Crisler, R. D., and T. D. Wogaman, "Educational Data Processing at Richmond," Journal of Secondary Education 38:71-76 (February, 1963).
- Croghan, W. J., "Data Processing for a Booming Enrollment," Overview 2:64-66 (October, 1961).
- Cunningham, J. F., "Machine Data Processing," Overview 2:27-29 (October, 1961).
- Cuttitta, F., "Automatic Data Processing for the Schools," High Points 46:28-31 (November, 1964).
- Douglas, W. A., and D. C. Hirt, "Computer Sectioning at the University of Colorado," College and University 42: 264-276 (1967).

- Dunne, R. F. "More Than One Road to the Benefits of Educational Data Processing," The American School Board Journal 151:9-11 (October, 1965).
- Eboch, S. C., "Computerized Booking and Cataloging: Shadow and Substance," Audiovisual Instruction 12:322-324 (1967).
- "Educational Research via Computer," School and Society 91:328 (1963).
- "Education's Electronic Era," American School & University 39:23-26 (March, 1967).
- Fast, J. J., Jr., "The Inevitable Idea," Journal of Educational Data Processing 4:73-81 (1967).
- Ferguson, D. L., "Development and Implementation of Data Processing Services for Moderately-Sized School Districts," Association of School Business Officials of the United States and Canada, Proceedings 50:195-201 (1964).
- Fields, R. R., "The New Look in School Business Management Through Data Processing Technique," Association of School Business Officials of the United States and Canada, Proceedings 46:350-353 (1960).
- Fleiss, J. L., and R. L. Spitzer, "A Fortran IV Program for the Analysis of Demographic, Item, and Scale Data," Educational and Psychological Measurement 27:187-194 (1967).
- Flynt, R. C. M., "The Role of Data Processing," Higher Education 20:7-10 (November 1963).
- Fredericks, L. F., "Medium-Size District Automates Bids, Trims Staff Time 60 Per Cent," The Nation's Schools 76:42-43 (December, 1965).
- Freeman, J. P., "Starting a Program of Electronic Data Processing in a School System," Association of School Business Officials of the United States and Canada, Proceedings 48:95-104 (1962).
- Freeman, J. P., "Starting an E.D.P. Program in a School System," The American School Board Journal 146:34-35+ (February, 1963).
- Gates, R. D., "What has Been Done in Electronic Data Processing Systems in Florida," Association of School Business Officials of the United States and Canada, Proceedings 50:313-329 (1964).
- Goldberg, A. L., and R. J. Cymbala, "E.D.P. in Education," Audiovisual Instruction 12:349-352 (1967).
- Goldberg, A. L., "First Steps in the Systems Approach," Audiovisual Instruction 10:382-383 (1965).
- Goldstein, W., "The California Research and Development Project as it Pertains to Financial and Business Applications," Association of School Business Officials of the United States and Canada, Proceedings 52:270-273 (1966).
- Grossman, A., "Data Processing - An Answer to the Shackles of Paperwork and Decision Making," The Bulletin of the National Association of Secondary-School Principals 46:17-18 (April, 1962).

- Grossman, A., and R. Howe, "A Revolution in Record Keeping Through Electronic Data Processing," The Clearing House 37:455-459 (1963).
- Grossman, A., and R. L. Howe, "Advantages of the Regional Approach to Educational Data Processing," Journal of Secondary Education 41:115-119 (1966).
- Grossman, A., and R. L. Howe, Data Processing for Educators, Chicago: Educational Methods, Inc. 1965.
- Grossman, A., and R. L. Howe, "Data Processing - Friend or Foe? Part I," Journal of Secondary Education 39:104-108 (1964).
- Grossman, A., and R. L. Howe, "Data Processing - Friend or Foe? Part II," Journal of Secondary Education 39:179-182 (1964).
- Grossman, A., and R. L. Howe, "Data Processing - Friend or Foe? Part III," Journal of Secondary Education 39:205-207 (1964).
- Haas, F. H., "Machines - Master or Slave," Association of School Business Officials of the United States and Canada, Proceedings 50:82-87 (1964).
- Hankinson, G. P., "We Converted to Data Processing for \$10,584," The Nation's Schools 78:68-69 (September, 1966).
- Harnack, R. S., "Teacher Decision Making and Computer-Based Resource Units," Audiovisual Instruction 12:33-35 (1967).
- Hobson, J. W., "Electronic Data Processing in Junior College Business Management," Association of School Business Officials of the United States and Canada, Proceedings 51:126-129 (1965).
- Hodge, C., "EDUCOM," Audiovisual Instruction 12:352-355 (1967).
- Hogan, D. G., "Automation and Education," Association of School Business Officials of the United States and Canada, Proceedings 48:296-300 (1962).
- "How to Beat the College Transcript Rush," School Management 10:93-98 (November 1966)
- "How to Determine Your Need for Data Processing," School Management 7:58-60 (September, 1963).
- "How You Can Program School Bus Maintenance," School Management 9:103+ (May, 1965).
- Howe, R. L., "First Regional Data Processing Center," California Education 2:11-12 (January, 1965).
- Howe, R. L., "New Vistas in Data Processing," California Education 1:12 (November, 1963).
- Hull, L. E., D. A. McWhirter, and M. D. Scherer, "Predicting Course Enrollment," College and University, 38:276-281 (1963).
- Kaiser, D. E., "Data Processing in Illinois Public Schools," Illinois Education 54:355-357 (1966).
- Katzenbach, E. L., Jr., "Trouble Is Already Here," College and University 41:389-397 (1966).



- Kenny, J. B., "A Flow Chart Sequence for Computer Scheduling of High School Classes - From Registration to Grade Reporting," The Journal of Experimental Education 33:285-288 (1965).
- Knezevich, S. J., "The Administrator and EDP," NEA Journal 56:18-19 (February, 1967).
- Kornfeld, L. L., "Mechanization of Data Processing," The Education Digest 32:35-37 (January, 1967).
- Kristy, N. F., "Future of Educational Technology," Phi Delta Kappan 48:240-243 (1967).
- Kropp, R. P., "Technology in Instruction," Improving College and University Teaching 13:240-242 (1965).
- LaFleche, R., "County Computer Program Takes Tedium out of Testing," The Nation's Schools 76:50-51 (August, 1965).
- Larson, R. E., "Data Processing in Its Relation to Purchasing," Association of School Business Officials of the United States and Canada, Proceedings 48:439-441 (1962).
- Lemler, F. L., "Descriptive Cataloging," Audiovisual Instruction 12:328-330 (1967).
- McMurray, G. D., "Film Library Uses for the Computer," Audiovisual Instruction 12:314-320 (1967).
- Merz, A. F., "The Use of Data Processing Equipment for Educational Records," The Bulletin of the National Association of Secondary-School Principals 46:7-16 (April, 1962).
- Miller, A. R., "Score a Decisive Win for Data Processing," Pennsylvania School Journal 112:422-423 (1964).
- Miller, N., "E.D.P. in El Paso," The Texas Outlook 48:36-37 (October, 1964).
- Mundt, F. J. C., "Information Science: A New Day in Education," Audiovisual Instruction 9:409-410 (1964).
- Murphy, R. M., "Data Processing System for the Small High School," The Bulletin of the National Association of Secondary-School Principals 46:19-21 (April, 1962).
- Naughton, J. J., "The Order of Business - When Shall we Automate?" American School & University 39:30-31 (October, 1966).
- Newell, A. L., "Projecting Procurement needs in the Age of Automation," Association of School Business Officials of the United States and Canada, Proceedings 48:441-444 (1962).
- Nicholas, A. T., "E.D.P. in Corpus Christi," The Texas Outlook 48:38-39 (October, 1964).
- Oakford, R. V., "Machine Assistance for Constructing the High School Schedule: An Industrial Engineer's Report," Journal of Secondary Education 36:374-379 (1961).

- O'Connor, A. X., "Data Processing Is Within Your Means," School Management 7:51-54 (October, 1963).
- Orton, K. L., "School Budget Control - Inventory and Accounting Applications," Association of School Business Officials of the United States and Canada, Proceedings 51:87-92 (1965).
- Oxhandler, E. K., "An Information Transmission System for Educational Media," Audiovisual Instruction 12:331-333 (1967).
- Pederson, K. L., "Machines: Newest Answer to Keeping School Reports," Minnesota Journal of Education 12:14-15 (February, 1962).
- Personen, W., "Electronic Scheduling," Montana Education 42:25+ (April, 1966).
- Place, E. M., "Automation at Work," Association of School Business Officials of the United States and Canada, Proceedings 49:256-257 (1963).
- Quinly, W. J., "Computerized Cataloging," Audiovisual Instruction 12:321 (1967).
- Rapking, A., Jr., "The Use of Data Processing as a Tool for Management of Business Services," Association of School Business Officials of the United States and Canada, Proceedings 52:286-288 (1966).
- Reed, W. O., "The Data Fink," American Education 1:31-33 (June, 1965).
- Reener, D. L., "Moving Ahead With Student Accounting at Texas Tech," College and University 41:210-216 (1966).
- Ricketts, D. E., and M. J. Thompson, "Data Processing Makes Busing Cheaper, Safer," The Nation's Schools 77:82 (April, 1966).
- Ricketts, R. S., "What the Big Changes in Accounting Mean for Schools," The Nation's Schools 68:74-75 (October, 1961).
- Rolens, R. E., "Data Processing for Building Schedules and Student Registration," Journal of Secondary Education 39:68-72 (1964).
- Russell, D. E., "Data Processing, Challenging Ally," Wisconsin Journal of Education 99:25-26 (December, 1966).
- Russell, H. H., "Increasing Use of Computers in Education," Canadian Education and Research Digest 6:265-273 (1966).
- Saathoff, A. B., "A Field of Automation in School Accounting," Association of School Business Officials of the United States and Canada, Proceedings 46:345-350 (1960).
- Scamman, J. P., Jr., "Computer Speeds Data Flow: Midwestern States Project," Minnesota Journal of Education 47:15-16 (April, 1967).
- Schober, R. A., "Machine Financial Accounting," Association of School Business Officials of the United States and Canada, Proceedings 50:77-79 (1964).
- Shelton, L. O., "Scheduling the 'IBM' Way," The Clearing House 39:521-525 (1965).

- Shoemaker, P., "Business Administration and Automation," Association of School Business Officials of the United States and Canada, Proceedings 52:267-270 (1966).
- Shoemaker, P., "The Makings of an Ideal Business Office," American School & University 39:76-77 (May, 1967).
- Simpson, C., "Costs and Computer Sectioning," College and University 41:337-339 (1966).
- Sinks, T. A., "Data Processing in the Schools," The Clearing House 39:118-120 (1964)
- Smith A. E., "An Innovation in Attendance Processing," The Balance Sheet 48:164+ (1966).
- Smith, J. T., Jr., "Personnel Records, Pupil and Staff and Electronic Data Processing," Association of School Business Officials of the United States and Canada, Proceedings 48:105-111 (1962).
- Somwaru, J. P., "Data Processing: An Aid to the Instructional Program," Canadian Education and Research Digest 6:53-64 (March, 1966).
- Stodola, Q. C., "Data Processing Procedures to Improve Classroom Testing," Educational and Psychological Measurement 25:885-886 (1965).
- Stout, E. M., and I. Halfter, "Institutional Research and Automation," The Journal of Experimental Education 31:95-98 (1962).
- Sullivan, J. W., "Other Services for Electronic Data Processing to Schools," Association of School Business Officials of the United States and Canada, Proceedings 48:300-306 (1962).
- Taylor, G. N., "Problems and Solutions for Cooperative Data Processing Centers Among School Districts," Association of School Business Officials of the United States and Canada, Proceedings 50:309-312 (1964).
- Tidwell, K. W., "How Data Processing Can Aid the Instructional Program," Association of School Business Officials of the United States and Canada, Proceedings 52:279-286 (1966).
- "'Total Information Service' in Chicago Schools," School and Society 91:328 (1963).
- Townley, J. F., and M. Downs, "E.D.P. in Pharr-San Juan-Alamo," The Texas Outlook 48:36-37 (October, 1964).
- Tyndall, D. G., and G. A. Barnes, "Unit Costs of Instruction in Higher Education," The Journal of Experimental Education 31:114-118 (1962).
- Vivrette, L., "We Put Our AV Catalog on IBM," Audiovisual Instruction 7:302-303 (1962).
- Voges, B. H., "Services for Electronic Data Processing to Schools," Association of School Business Officials of the United States and Canada, Proceedings 48:287-295 (1962).
- Webb, W. O., and K. F. Jordon, "A Plan of Action for Data Automation," American School & University 38:37-39 (October, 1965).

- Weitz, R. E., "Computer Gives Milwaukee a \$400,000 Bonus," The Nation's Schools 78:70-71 (September, 1966).
- Welton, G., "Data Processing and the School Schedule: A Burroughs Approach," Journal of Secondary Education 36:382-384 (1961).
- "Westchester County, New York: Cooperative Cuts Costs," School Management 7:54+ (October, 1963).
- "What Computers Can Do for You," School Management 10:133-141 (September, 1966).
- "What Every Schoolman Should Know About Data Processing - Part I," School Management 6:59-68 (October, 1962).
- "What every Schoolman Should Know About Data Processing - Part II: Case Histories," School Management 6:79-92 (November, 1962).
- Whitlock, J., "Automatic Data Processing in Education," The High School Journal 48:268-275 (1964).
- Whitlock, J., "Educational Data Processing - Its Growth and Problems," Association of School Business Officials of the United States and Canada, Proceedings 50:201-207 (1964).
- Williams, P. J., "What Will Data Processing Do for My School or District?" Association of School Business Officials of the United States and Canada, Proceedings 51:218-221 (1965).
- Wogaman, T. D., "Educational Data Processing: Changes in the Schools," The American School Board Journal 152:15-17 (March, 1966).
- Wogaman, T. D., "Educational Data Processing: Its Reception in the Schools," The American School Board Journal 152:55-56 (February, 1966).
- Wogaman, T. D., "Educational Data Processing: Lessons Learned in Richman Project," The American School Board Journal 152:14-15 (April, 1966).
- Wogaman, T. D., "Study Shows New Data Processing Tips," The Nation's Schools 78:38 (December, 1966).
- Woodfin, C. A., "Planning and Implementing New Data Processing Installations," Association of School Business Officials of the United States and Canada, Proceedings 49:247-252 (1963).
- Wright, E., "Maintenance and Operations Uses for Data Processing," The American School Board Journal 154:21-23 (April, 1967).
- Wulff, B. H., "Data Processing for Student Scheduling: An IBM Approach," Journal of Secondary Education 36:380-381 (1961).
- Yates, F. H., Jr., "State Departments of Education and Data Processing," The American School Board Journal 145:14 (August, 1962).