

**Box List:** Esther R. Steinberg, 1971-1992  
**ID:** Computer-based Education Research Laboratory (CERL), UIUC  
 7/13/24

**Arrangement:**

**Series 1: Publications, 1971-1992**

**Complete Finding Aid:**

<https://archives.library.illinois.edu/archon/index.php?p=collections/controlcard&id=11572>  
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**Series 1: Publications, 1971-1992**

Consists of journal articles and reports authored and co-authored by Esther R. Steinberg. This series is arranged chronologically.

**Box 1**

1. Publications, 1971-1992

- Rothbart, Andrea, and Esther Steinberg. "Some Observations of Children's Reactions to Computer-assisted Instruction." *The Arithmetic Teacher* 18, no. 1 (1971): 19-21.
- Steinberg, Esther R., and Bonnie C. Anderson. "Teaching Tens to Timmy, or a Caution in Teaching with Physical Models." *The Arithmetic Teacher* 20, no. 8 (1973): 620-25.
- Steinberg, Esther R., and Richard C. Anderson. "Hierarchical Semantic Organization in 6-year-olds." *Journal of Experimental Child Psychology* 19, (1975): 544-553.
- Steinberg, Esther R. "Review of Student Control in Computer-Assisted Instruction." *Journal of Computer-Based Instruction* 3, no. 3 (1977): 84-90.
- Steinberg, Esther R. "Learner Interaction in Computer-assisted Instruction." Paper published in ADCIS Proceedings, 1979.
- Steinberg, Esther R. (editor). "Critical Incidents in the Evolution of PLATO Projects." MTC Report no. 12, University of Illinois, June 1977.
- Call-Himwich, Eileen, and Esther R. Steinberg. "Myth and Reality: Essential Decisions in Computer-Based Instructional Design." MTC Report no. 18, University of Illinois, November 1977.
- Steinberg, Esther R. "Using PLATO to Teach Problem Solving." CERL Report E-18, University of Illinois, August 1980.
- Steinberg, Esther R. "Evaluation Processes in Young Children's Problem Solving." *Contemporary Educational Psychology* 5, (1980): 276-281.
- Steinberg, Esther R. "Survey for Master's Level Curriculum." *Journal of Computer-Based Instruction* 7, no. 4, (1981): 117-122.

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**Series 1: Publications, 1971-1992**

**Box 1**

1. Publications, 1971-1992 (cont.)

- Steinberg, Esther R. "Reviewing the Instructional Effectiveness of Computer Courseware." *Educational Technology*, (1983): 17-19.
- Steinberg, Esther R. "Problem Complexity and the Transfer of Strategies in Computer-presented Problems." *American Educational Research Journal* 20, no. 1, (1983): 13-28.
- Steinberg, Esther R., Baskin, A.B., and Terri Daling Matthews. "The Need for Adaptive Control of Aide and Feedback in Problem Solving Instruction." 25<sup>th</sup> ADCIS conference proceedings, 1984.
- Steinberg, Esther R., Baskin, A.B., and Terri Daling Matthews. "Computer-Presented Organizational/Memory Aids as Instruction for Solving Pico-Fomi Problems." *Journal of Computer-Based Instruction* 12, no. 2 (1985): 44-49
- Steinberg, Esther R. "Designing Computer-Based Instruction for Problem Solving." Computer-based Education Research Laboratory, University of Illinois, August 1985.
- Steinberg, Esther R., Baskin A.B., and Elfriede Hofer. "Organizational/Memory Tools: A Technique for Improving Problem Solving Skills." *Journal of Educational Computing Research* 2, no. 2, (1986): 169-187.
- Steinberg, Esther, and A.B. Baskin. "Effects of a Laboratory Design Course on Strategies for Troubleshooting Logic Circuits." Reprint, 1988.
- Biju, Joseph, Steinberg, Esther R., and A. Russell Jones. "User Perceptions and Expectations of an Information Retrieval System." *Behaviour and Information Technology* 8, no. 2, (1989): 77-88.
- Steinberg, Esther R. "Cognition and Learner Control: A Literature Review." *Journal of Computer-Based Instruction* 16, no. 4 (1989): 117-121.
- Jones, Russel. A., and Esther R. Steinberg, "Interface Design: An Educational Perspective." *Journal of Systems Software* 11, (1990): 199-204.
- Steinberg, Esther R. "The Centrality of Learner Characteristics in Computer-Assisted Instruction." *Journal of Computing in Higher Education* 1, no. 2, (1990): 49-58.
- Steinberg, Esther R., and Darlene Chirolas. "NovaNET High School Writing Project, 1991-1992," unpublished.
- Steinberg, Esther R. "The Potential of Computer-Based Telecommunications for Instruction." *Journal of Computer-Based Instruction* 19, no. 2, (1992): 42-46.

**Processing Notes**

Duplicates were weeded. Added folder titles are indicated by []. Processed by Carolina Ortega, under the supervision of Susanne Belovari, March 2019.