



Seminar Series in Applied Mathematics

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Presentation of Elica

Tuesday, May 1, 2001
3:15 pm
Pierce 216

Abstract: Elica (Educational Logo Interface for Creative Activities) is the most recent development of a series of educational computer environments, which has included TopLogo++ and PGS. These environments are used in a constructivist style as a tool for creative learning. Elica is based on a limited set of Logo commands, which provide the fundamentals for building worlds that are built to represent various knowledge domains. An excellent example of this is the Navigational Vectors program, in which students can learn to use vectors.

Elica Logo is actually part of a larger package, known simply as Elica. Elica is an Integrated Development environment, of which Logo is the programming language. In addition to the basic Logo constructs and types, Elica also has many facilities that are more advanced. These include rules, which allow Elica programs to respond to changing events, much like a production system.

In use, Elica Logo is startling due to its high-resolution graphics that it can produce.

Refreshments will be available starting at 3:00pm.

For additional information contact Yi Li (216-5433) or Patrick Miller (216-5452).
