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07446-1680. *College Algebra and Mathematical Reasoning.*

In this session we will briefly describe the evolution of the College Algebra course at Ramapo College of New Jersey, a four-year public liberal arts college, from a traditional symbolic manipulation focus to a focus on the concepts of function and mathematical reasoning using elementary functions. We will also discuss the latest refinement of the college algebra course, a pilot course that uses the themes of infinity and iteration as the context for study in the course. (Received September 14, 2000)