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Toke Lindegaard Knudsen* (knudset1@oneonta.edu), Department of Mathematics, State University of New York, College at Oneonta, Oneonta, NY 13820. *Mathematics in medieval India: The Bījaṅita of Jñānarāja.*

Among the unpublished and unstudied mathematical works of medieval India is the *Bījaṅita* of Jñānarāja, who flourished in what is now the state of Maharashtra around 1500 CE. While the treatise is the third and last part of the *Siddhāntasundara*, a larger work on astronomy and cosmology, it treats mathematics as a topic in its own right. The presentation will focus on mathematical results from medieval India based on a study of the *Bījaṅita*. (Received September 10, 2008)