

## Sources for History of Indian Mathematics

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This presents a short – and incomplete -- bibliography of books and research papers on Indian science. It begins with some general sources and follows with articles on the history of Indian mathematics and astronomy. This is not an exhaustive list, but it should be helpful in tracing the arguments that have resulted in a major revision of the history of ancient Indian science.

A good source for a beginner is the review article by Ian Pearce titled “Indian mathematics: redressing the balance” which is available at the University of St. Andrews history of mathematics site and has the URL: <http://www-history.mcs.st-andrews.ac.uk/history/Projects/Pearce/index.html>

Another excellent source for classical material is the book on Hindu Mathematics by Dutta and Singh. An early book on Indian logic was by Vidyabhusana, which appeared almost one hundred years ago. More recently there has been a great deal of interest in the Kerala School of mathematicians who were the first to obtain important results in the theory of infinite series. New results on the astronomy of the Vedic period has compelled a revision of our views of the earliest period of Indian mathematics and astronomy.

This is a preliminary list that has been prepared to help the students of the course get started with their research. A more comprehensive and careful bibliography would soon be made ready and that will replace this list.

This list also contains a few articles and books that provide a background to the culture and material conditions in India as well to the context in which science and mathematics were done in India.

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