

The Parvadvayasādhana of Mallāri: a Sanskrit table text to compute eclipses

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THE *Parvadvayasādhana* “Computation of the two syzygies” of Mallāri (fl. late sixteenth century) is a short treatise dedicated to the computation of lunar and solar eclipses. Composed in 1588, the work is an amalgam of algorithms and numerical data encoded in verse and graphical tables. In addition to epitomising a transition in format from text to tables, Mallāri’s numerical data rests heavily on the relations expressed by his predecessor Gaṇeśa (b. 1507). In this talk, I explore the transmission of eclipse algorithms from an astronomical *karaṇa* text to a tabular one in the Indian exact sciences.