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ABSTRACT

5 Kerala School of Mathematics with Special Reference to the Work of Saṅgamagrāma Mādhava by Prof. V.P.N.Nampoori, Inter University Centre for Studies on Kerala Legacy of Astronomy and Mathematics, CUSAT

Saṅgamagrāma Mādhava is the founder of the Kerala School of Mathematics which existed for a period of about 500 years. Names like Neelakaṅṭha Somayāji, Jyeṣṭadeva, Putumana Somayāji are well known mathematicians who belonged to the KSM. Most of the works of Saṅgama Grāma Mādhava are known from the references of his disciples. "Venvāroham" is the only work available now. In this book, Madhava describes the method of calculating the instantaneous position and speed of the Moon in the sky. The present talk also provides a review of his work in the field of Mathematics. The data obtained will be compared with that available in modern astronomy.