

Short abstract for contributed talk (600 char)

Rajju ganita (string geometry) vs “Euclidean” geometry

C. K. Raju

ckr@ckraju.net

Short abstract for
contributed talk Pacific
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Rajju ganita (रज्जू गणित) fundamentally challenges axiomatic geometry (not actually found in the “Euclid” book): it accepts **BOTH** empirically manifest (प्रत्यक्ष) and deductive reasoning (अनुमान) as means of proof, as does science.

An angle defined using a curved arc can't be measured with compass-box instruments, all of which a string replaces. The kamal measures angles in space to a fraction of a degree. This is a pre-requisite to teach the Indian calendar, essential for the economy and festivals, instead of the alienating and ruinous Gregorian calendar. Full abstract: <https://bit.ly/ckr-2>.