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Saroj Aryal* (saroj.aryal@msubillings.edu), 1500 University Drive, Billings, MT 59101.

Stieltjes Continued Fractions Associated with Sparse Moment Problem. Preliminary report.

One of the important variations of Stieltjes Moment Problem is the case of sparsity in a moment sequence. In this work, Stieltjes Continued Fractions are used to study properties of Sparse Moment Problem in $(0, \infty)$. Connections are made to determinacy of sparse moment problems. (Received February 06, 2018)