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**Patrick Shipman\*** ([shipman@math.colostate.edu](mailto:shipman@math.colostate.edu)). *Continued Fraction Expansions and the Cross Ratio*. Preliminary report.

Gauss developed a dynamical systems view of continued fraction expansions. Klein provided a geometric interpretation of continued fraction expansions. Combining these viewpoints with the cross ratio links continued fraction expansions to planar tilings. (Received September 06, 2019)