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SCSU, 720 4th Ave. S., St. Cloud, MN. *Proof (without Words) in 17th-18th Century China.*

Whether a valid question or not, to mathematicians and historians of mathematics, the proof or lack of it in the development of Chinese mathematics is always an interesting question. After the introduction of Jesuit mathematics into China in 1700's, this question certainly becomes a valid one. Interesting enough, the majority of Chinese mathematicians in 17th to 18th Century China still did not adopt the practice of providing proofs; however in certain cases, they did provide an alternative similar to what modern mathematicians call proofs without words. In this paper, I analyze the similarities and dissimilarities of Chinese and western proofs without words. (Received September 06, 2006)