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Yibao Xu* (yxu@bmcc.cuny.edu), 199 Chambers Street, New York, NY 10007. *Western Concepts of Infinity Introduced to China in the Seventeenth Century*. Preliminary report.

This preliminary report will focus on Chinese translations of Book V of Euclid's Elements, Aristotle's De Caelo, and Galileo's *Le Opperectioni del Compasso Geometrico et Militare*. It will consider how the concepts of infinity contained in these books were transmitted to China, and their possible influence on Chinese mathematicians. (Received September 26, 2005)