

1056-A0-68

Reviel Netz*, Stanford University. *The Archimedes Palimpsest and its infinite possibilities.*

What we know of Archimedes comes from Medieval manuscripts. By far the most important is a palimpsest - a medieval copy erased and overwritten with a prayer book. Transcribing the Archimedes Palimpsest, we have gained in the last decade new insight into his mathematics. The talk will present some highlights of those new insights, concentrating on this question: how did Archimedes think about infinity? (Received July 21, 2009)