

1096-AC-823

**Ron Graham\*** ([graham@ucsd.edu](mailto:graham@ucsd.edu)), La Jolla, CA 92093. *Paul Erdős and Egyptian Fractions*. Preliminary report.

One of Paul Erdős' earliest mathematical interests was the study of so-called *Egyptian fractions*, that is, finite sums of distinct fractions having numerator 1. In this talk we survey various results in this subject, many of which were motivated by Erdős' problems and conjectures on such sums. (Received September 10, 2013)