962-11-45 **Bruce C. Berndt** (berndt@math.uiuc.edu), Department of Mathematics, University of Illinois.

An Historical Lecture about Ramanujan Arranged in 3 Acts, an Interact, and an Exodion: Act 1:

S. Janaki Ammal (Mrs. Ramanujan), Act 2: From which books did Ramanujan learn mathematics in India?, Act 3: A Family History sketched by one of Ramanujan's brothers.

In Act 1, we give a short biography of MrsRamanujan based on recent conversations with her adopted son, WNarayanan. New details about the life of Ramanujan are also provided. In Act 2, we discuss the books that Ramanujan definitely studied and some he likely studied in India before departing for England in 1914. Act 2 ends with a short description of the books that Ramanujan owned when he died; these have only recently been located. In Act 3, we provide information from a family history sketched by one of Ramanujan's brothers.

There will be no intermission. Refreshments may be served. (Received July 03, 2000)