

**Meeting:** 1003, Atlanta, Georgia, MAA CP D1, MAA Session on Mathematics and Sports, I

1003-D1-839      **Mike Pinter\*** (pinterm@mail.belmont.edu), Dept. of Mathematics and Computer Science, 1900 Belmont Blvd., Nashville, TN 37212. *Some Elementary Mathematics of Major League Baseball Scheduling.*

The current setup in major league baseball, with two leagues of different sizes containing three divisions each of differing sizes, creates some interesting scheduling problems (in terms of the number of games played between each pair of teams). This presentation explores some aspects of the major league baseball scheduling problem by using reasonable assumptions and "desirable attributes" to set up simple algebraic equations that correspond to the current setup; in addition, setups in previous years are also briefly considered. The topic is accessible to students in high school and college courses, with only a small amount of algebra required. The topic is especially appropriate for consideration as an example of elementary mathematical modeling. (Received September 30, 2004)