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John Asplund* (jasplund@daltonstate.edu), Dalton State College, 650 College Drive, Sequoya 153, Dalton, GA 30720, and **Joe Chaffee** and **James Hammer**. *Decompositions into paths and cycles*. Preliminary report.

How do you ensure that you can pair up an entire class room of students day after day without repeating partners? Is it possible to seat 9 students at six round tables with 4, 5, 5, 6, 8, and 9 chairs? These questions and more will be answered! Graph theory will help give a more visual representation of the problems. The focus of this talk will be on seating n students at a single straight table of size m and analogues of this problem type. (Received February 02, 2015)