

Meeting: 998, Houston, Texas, SS 3A, Special Session on Harmonic and Functional Analysis

998-46-375 **Steve Dilworth, Edward Odell, Thomas Schlumprecht*** (schlump@math.tamu.edu) and
Andras Zsak. *The Greedy Algorithm and Elton's theorem.* Preliminary report.

We discuss the problem of finding in a general infinite dimensional Banach space a quasi greedy basis. We connect this notion to a certain Elton's Theorem on finding bases having a certain type of "partial unconditionality". We present a general Combinatorial approach to the problem. (Received March 02, 2004)