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Melvin F. Janowitz* (nekj@dimavs.rutger.edu), DIMACS, Rutgers University, 96 Frelinghuysen Road, Picataway, NJ 08854. *Generalized Oligarchies*. Preliminary report.

In cases of a medical, terrorist, or natural emergency there often is a need to simultaneously reach multiple but possibly related decisions dealing with public safety. A recent newsworthy event involves the explosions at the Boston Marathon. This leads to a study of the direct product of oligarchies involving the same collection of agents, but analyzing different but possibly related issues. The paper will relate conditions that normally involve social networks with conditions that have arisen in developing the fundamentals of the structure of finite lattices. The need for a simultaneous analysis of related issues is that a solution to one problem may adversely affect the solution to some of the other related problems. (Received July 24, 2013)