1096-05-481 **Chris Godsil***, cgodsil@uwaterloo.ca. *Are almost all graphs determined by their spectrum?* Preliminary report.

The spectrum of the adjacency matrix of a graph is a useful and interesting invariant. In a perfect world, some simple variant of the spectrum would characterize the graph, but here below there are counterexamples to any reasonable idea. Nonetheless Willem Haemers has conjectured that almost all graphs are determined by their spectrum. In my talk I will explain why I think he is likely right. (Received September 04, 2013)