GRAPH THEORY SEMINAR

MONDAY, NOVEMBER 14, 2011
3:30-4:30 P.M., KT 220

SPEAKER: DREW LIPMAN, MA, U OF WATERLOO

TITLE: AN INTRODUCTION TO PRIMAL GRAPHS

Abstract:

In 1969, Dewdney showed there is a unique set P of graphs, called primal graphs, so that:

(i) every graph G is the union of non-isomorphic edge-disjoint subgraphs, each a member of P; and

(ii) for G in P, the only such union consists only of G.

Although several papers have been published about primal graphs, we still have to classify P. This talk will present introductory material on primal graphs, as well as recent results for primal graphs, and conjectures.