

## **M. Newman CMS Doctoral Prize**

The CMS Doctoral Prize recognizes outstanding performance by a doctoral student who graduated from a Canadian university.

As a graduate student of Professor Christopher Godsil, University of Waterloo, Michael Newman wrote an outstanding dissertation which presents extensions and applications of the Delsarte-Hoffman bound on the size of independent sets in graphs. The thesis interweaves the solutions of three intriguing yet ostensibly unrelated problems into a unified tapestry by virtue of their common methodological treatment. The results obtained are important and the exposition first-rate.

Michael Newman received his B.Math. from the University of Waterloo in 1992 and his M.Sc. from the University of Manitoba in 2000. He completed his Ph.D. in 2005 and, since then he has held an NSERC postdoctoral fellowship at Queen Mary College in London, England.

Dr. Newman will present the 2006 Doctoral Prize Lecture at the CMS Winter Meeting, hosted by the University of Toronto in December 2006.