

MDPH480/PHYS480/ASTR480/MAPH480 Research Projects 2009

Project Title: Dark gravity

Supervisor(s): D. V. Ahluwalia

Abstract of the Proposed Research (use this page only)

The entire special and general relativistic framework owes its origin to our experience with the standard model matter and gauge fields. This project shall explore as to why the spacetime symmetries associated with dark matter may suggest modified spacetime symmetries, and hence a modification of special and general relativity in the dark sector.