

Mathematics Graduate Seminar

**Mr. Nasser Heydari
Memorial University**

**Thursday, October 27, 2016
1:00p.m., HH3017**

MORSE THEORY: A VISUAL INTRODUCTION

Abstract:

Morse theory has been used in many research areas in recent years. So many mathematicians have been applying Morse theory techniques to prove their problems. This shows the importance and the power of this beautiful branch. I'll try to give the basic ideas and theorems of Morse theory and one of its applications. The Reeb Sphere Theorem.