

37. TOPIC 6: THE ATIYAH-SINGER INDEX FORMULA
IN PLACE OF LECTURE FOR FRIDAY, 22 NOVEMBER, 2008

$$(37.1) \quad \text{Ch}(\text{ind}(P)) = \int T^*(M/B) \text{Ch } \sigma(P) \wedge \text{Td}(\phi) \text{ in } H^{\text{even}}(B).$$