



The Atiyah-Singer Index Theorem is a landmark achievement of mathematics in the 20th Century. The course aims to introduce students to some of the concepts and ideas are related to this theorem and proof. While the course is open to anyone from Nagoya University, the content is intended for a masters student in mathematics.

Atiyah-Singer定理は20世紀に数学の素晴らしい結果の一つです。科目ではこの定理に関わる若干の要素を入門します。誰でも参加は歓迎ですが、対象は数学の専門の修士学生です。



**Topics in Mathematical Science VIII
(Elliptic Operators and Index
Theory)**

Chris Bourne