



# Anthony Samuel

## An Introduction to Noncommutative Geometry (Spectral Triples) with a Fractal view point

**ZEIT:**

9.9.2009, 16:30 Uhr

**ORT:**

HU  
Mathematisches Institut  
Rudower Chaussee 25  
Haus 1, Raum 1.410

In this talk I will endeavour to introduce the notion of a Spectral Triple and how one can obtain a notion of integration and dimension on such spaces. I will also give two different ways of representing a cantor like set in the form of a spectral triple and from these and other examples one will see why these notions of integration and dimension make sense.

**Kontakt:**

Humboldt-Universität zu Berlin . Institut für Mathematik  
SFB 647 . Unter den Linden 6 . 10099 Berlin  
Tel. +49 30 2093 1804 . Fax. +49 30 2093 2727  
sfb647@math.hu-berlin.de

[www.raumzeitmaterie.de](http://www.raumzeitmaterie.de)