

MATHEMATISCHES INSTITUT  
DER UNIVERSITÄT ZU KÖLN

**Piecewise distance preserving maps  
with applications and amusements**

given by

**Professor Anton Petrunin**

**Pennsylvania State University**

Dates:

Montag 23.06.14, 16-17:30 Uhr, Übungsraum 1  
Dienstag 24.06.14, 16-17:30 Uhr, Seminarraum 2  
Mittwoch 25.06.14, 16-17:30 Uhr, Übungsraum 1

Abstract:

Most of the lectures will be entertaining, almost no prerequisite needed. We will discuss piecewise distance preserving maps from polyhedral spaces to Euclidean space. The highest point will be Gromov's theorem about the existence of length preserving map from a Riemannian manifold to Euclidean space of the same dimension.

Alle Interessenten sind herzlich eingeladen

Gez. A. Lytchak

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