ABSTRACT

A major question in knot theory is how to distinguish knots. This is usually accomplished by computing an invariant of knots. In this talk we will introduce one of the earliest invariants, namely the Alexander polynomial, restricted to alternating knots from a couple of different viewpoints and consider the problem of solving $\Delta_K(t) = p(t)$ for integral polynomials in terms of existence and uniqueness. This talk will involve many diagrams and is suitable for mathematics students.

DATE & TIME: 10 March 2011, Thursday at 14:00
SEMINAR ROOM: B206
ADRESS: Dokuz Eylül University, Tınaztepe Campus, Faculty of Science, Department of Mathematics, 35160, Buca, İzmir, Turkey

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1 Every week we are planning to organize a Geometry Topology seminar. You are welcome to give a talk. This semester seminar organizer is Celal Cem Sarıoğlu, Email: celalcem@gmail.com

2 To subscribe/unsubscribe the e-mailing list of DEU Geometry Topology Seminar, please visit its Google groups page: [http://groups.google.com/group/deuGT](http://groups.google.com/group/deuGT)