## KOÇ UNIVERSITY

# Science – Math Seminar

**Speaker:** Oleg Belegradek
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Bilgi University

**Date:** Thursday, Mar. 24, 2005
**Time:** 16:45 (Tea and cookies will be served at 16:30)
**Place:** Science Building, Room Z42

**Title:** How similar can non-isomorphic algebraic structures be?
A gentle introduction to Model Theory with group-
theoretic examples.

## Abstract:

I will discuss one of the main notions of Model Theory - elementary equivalence, a certain similarity relation between algebraic structures which is coarser than the isomorphism relation.

As an illustration I will describe this relation in some classes of groups where the problem leads to interesting and non-trivial algebraic questions.

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Please visit http://sci-math.ku.edu.tr/ for a schedule of upcoming Science - Math seminars.