

# APPLIED MATHEMATICS COLLOQUIUM

## HOW MUCH MATH CAN YOU DO BEFORE SYNAPTIC PRUNING?

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**The Math Circle**

### **ABSTRACT:**

The short answer is: a lot although pre-adolescents are usually set to work in the salt mines of memorizing number facts and recipes, which would put any sensible person off math for life. We have seen them make thick cables of connections for themselves, however, when enticed by accessible mysteries: the architectural instinct is at work in us from the start, leading us to build out frail conjectures and then fair them in via proofs to foundations.

**MONDAY, MARCH 5, 2007**  
**4:30 PM**  
**Building 2, Room 105**

*Refreshments at 4:00 PM in Building 4, Room 174  
(Math Majors Lounge)*

Applied Math Colloquium: <http://www-math.mit.edu/amc/spring07>  
Math Department: <http://www-math.mit.edu>



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