

# Lectures on Pure and Applied Math



## Announcing

A Seminar Presentation  
on March 14, 2014  
at 10:45 am in Maxcy 212  
at The University of New Haven

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Mathematics Program, Bard College

## From Graphs to Rings

### Abstract:

In this talk we will discuss the bridge between combinatorial graphs and commutative rings. Many interesting problems can be solved by this bijection. In particular, how does one find the minimal vertex covers of a graph? We will answer this question (and others), develop the theory, and give some current open problems in the field.

### Further Information

For further information, please contact Carole McClellan at the Department of Mathematics, Office: Maxcy 204, 203-932-7250, [CMcClellan@newhaven.edu](mailto:CMcClellan@newhaven.edu).