

## 18.312 — Algebraic Combinatorics

Spring 2002, TR 1:00–2:30pm, Room 2-102

- Is there any relationship between trees and electrical networks?
- What is the quantum analogue of binomial coefficients?
- How can a domino game explain thermodynamics of ferromagnetism?
- Where will you end up if you walk in a random direction?
- What can a major of the Royal Artillery tell us about permutations?
- How to count the number of ways to park a car on Memorial Drive?
- What is the relation of the above questions to algebra?

If any of these questions was ever bothering you then 18.312 is for you.

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More course info: <http://www-math.mit.edu/~apost/courses/18.312/>