

# Mathematics of the Rubik's Cube

- The class web page: <http://match.stanford.edu/bump/rubik.html> will have necessary information about the class.
- Attendance is an important part of your grade, so I'll be passing out sign-in sheets each class.
- The theme of the class will be to show how the Rubik's cube is a model application of an important area in mathematics, group theory.
- During the first few classes, I will be lecturing, but student presentations will be encouraged. You don't need to do a presentation in order to get an *A* in the course, but if you feel like doing one a list of possible topics is listed on the class web page.
- You should start reading the second set of lecture notes `newcube.pdf`, posted on the class web page. The old set of notes will also be useful.
- There will be a few homeworks, but the amount of formal work will be much less than a regular (3 unit) class. For next Tuesday (March 10), do at least the first three exercises in Chapter I of `newcube.pdf`, and if you feel like it all six exercises. I will be collecting these.

My email: [bump@math.stanford.edu](mailto:bump@math.stanford.edu).