# the griddle

# Conflict Graphs and Sudoku

A sudoku puzzle can be solved as a conflict graph, similar to map coloring problems. Unlike map coloring problems however, we already know that a fixed number of "colors" exists and that certain "states" have certain "colors". There are also additional constraints besides neighboring "states" - mainly rows, columns, and shapes.

More sudoku puzzles as well as other grid based logic puzzles can be downloaded for free on the Internet at The Griddle (http://www.thegriddle.net).

This set of demonstration puzzles and examples were created by David Millar.