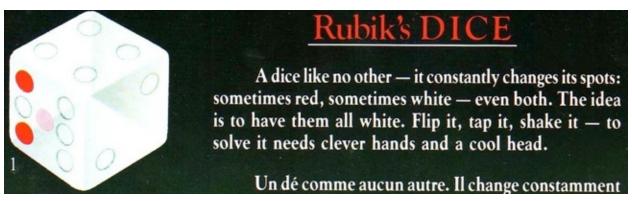
Rubik's Dice



Matchbox 1990. (plastic with internal parts and magnets, 2.7 inches)

Plates inside a hollow cube that have white and red dots on them can be manipulated by tilting the cube; the goal is to make only white dote shown in the holes that have the pattern of a standard die. The 1993 patent of *J. Bognar and E. Rubik* of a similar mechanism with plated with a single hole on each side into which a finger can be pushed. *Jaap's Page* describes the configuration of the plates and gives a solution. Here is the English portion of the directions from the back of the box:



Further Reading

Jaap's Page, from: http://www.geocities.com/jaapsch/puzzles/rubdice.htm

McFarren's Page, from: http://www.geocities.com/abcmcfarren/math/r90/dicenot.htm

Koller's Page, from: http://www.mathematische-basteleien.de/dice.htm *Bognar-Rubik Patent*, from: www.uspto.gov - patent no. 5,184,822