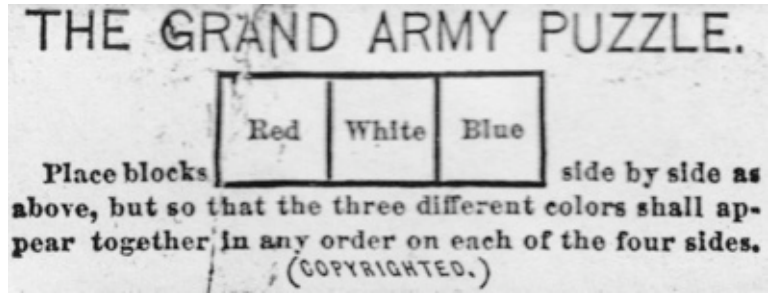


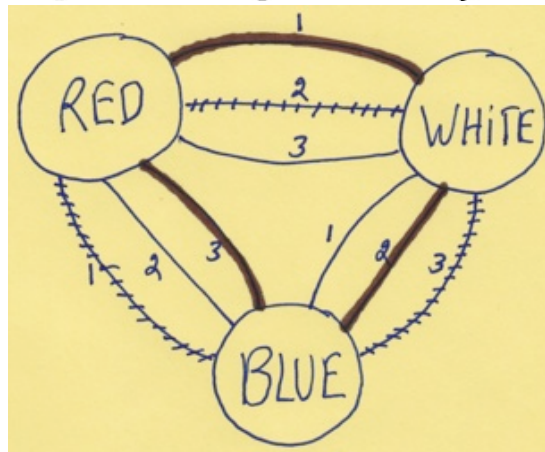
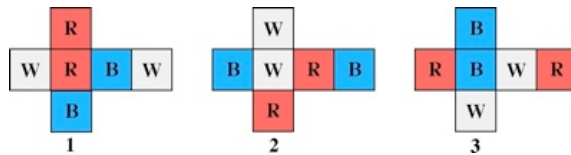
The Grand Army Puzzle



Circa late 1800's?

(7/8 by 7/8 by 2.1 inch box with three identical 5/8" wood cubes;
original label on top was lost and replaced by a copy from an identical puzzle)

The *Grand Army Of the Republic* was a veterans organization formed after the American civil war (see *Wikipedia*). This puzzle has three identical cubes, each colored red, white, and blue on three pairs of adjacent faces. Like the four cube *Instant Insanity* puzzle, the object is to arrange the three cubes in a line so that each side has no duplicate colors. Below is a solution and its solution graph (constructed as for *Instant Insanity*); it is unique up to repositioning the puzzle and reordering the cubes (e.g., replacing cycle 2 by R - 3 - W - 1 - B - 2 - R is the same as rotating 180 degrees, rotating forward 90 degrees, and exchanging cubes 1 and 2):



cycle 1: R - 1 - W - 2 - B - 3 - R

cycle 2: R - 2 - W - 3 - B - 1 - R

Further Reading

Wikipedia Page, from: http://en.wikipedia.org/wiki/Grand_Army_of_the_Republic

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