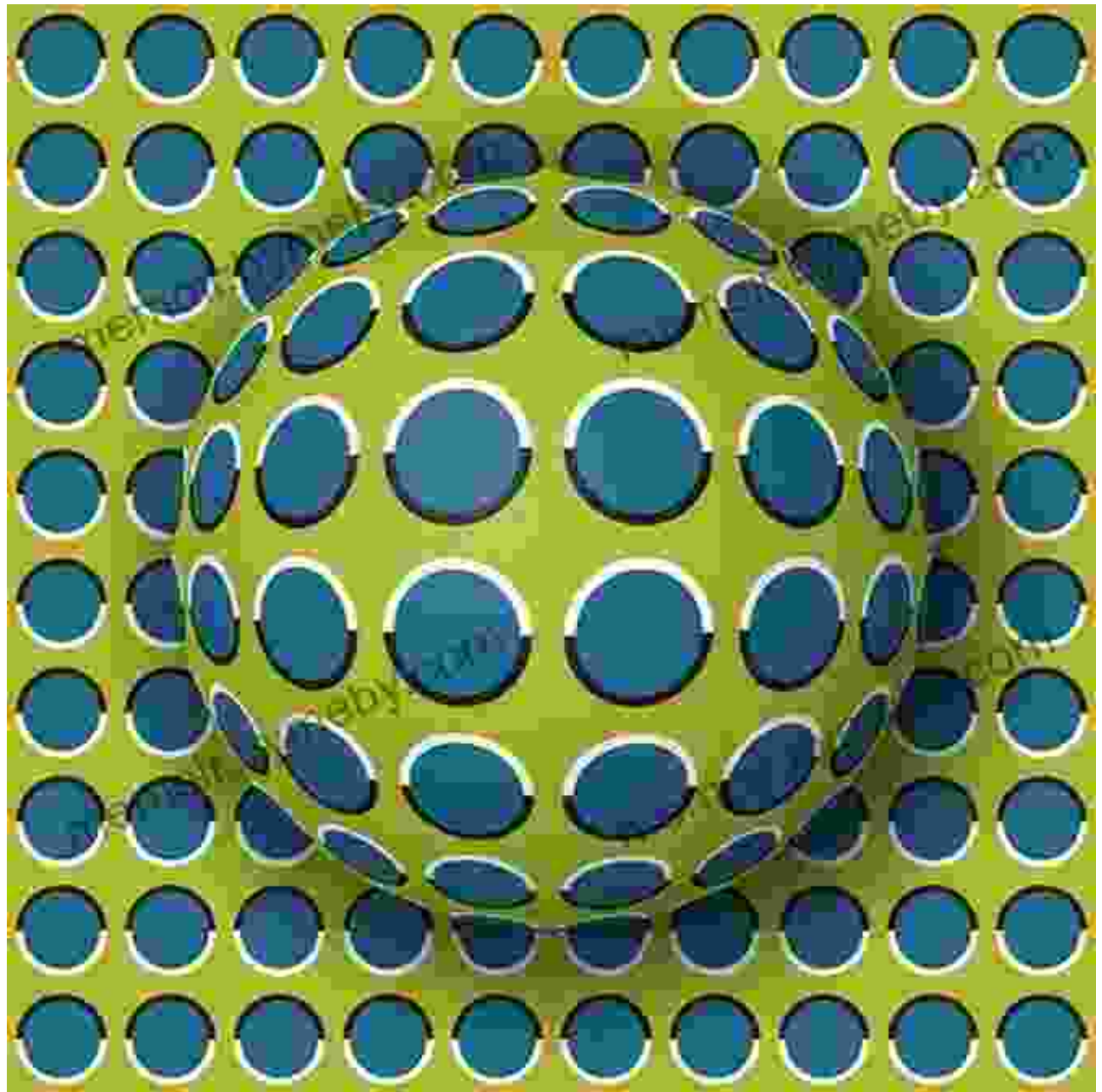


# **Unlock the Wonders of Magic Illusions: Build Your Own Giant Square Circle Illusion**

Prepare to embark on an enchanting journey into the realm of optical illusions with the Giant Square Circle Illusion. This remarkable illusion defies visual logic, creating an mind-boggling experience that will leave you and your audience spellbound. Join us as we embark on a step-by-step guide to building your own Giant Square Circle Illusion from the comfort of your home.



## Build your own magic Illusions - Giant Square Circle

**Illusion: Full Workshop Plans** by Alice Greczyn

★★★★☆ 4.2 out of 5

Language : English

File size : 259 KB

Screen Reader : Supported

Print length : 368 pages

Lending : Enabled



## Understanding the Giant Square Circle Illusion

The Giant Square Circle Illusion, also known as the Ames Window Illusion, is a mind-bending optical illusion that tricks our brain into perceiving a flat, square window as a three-dimensional circle. This illusion is based on the principle of perspective, where our brain interprets the shape of an object based on its relative size and position in our field of vision.

When viewing the Giant Square Circle Illusion, our brain is fooled by the trapezoidal shape of the window, which is designed to appear as a square when viewed straight on. The window's edges converge towards the back, creating the illusion of depth and making the window appear as a circle from an angled perspective.

### Materials You'll Need

- Plywood or MDF board (approximately 2 feet x 2 feet)
- Jigsaw or scroll saw
- Sandpaper
- Wood glue
- Clamps
- Black paint or fabric
- White paint or fabric

### Step-by-Step Building Guide

## **1. Cut the Plywood**

Using a jigsaw or scroll saw, carefully cut the plywood into a square shape of approximately 2 feet x 2 feet. Smooth any rough edges with sandpaper.

## **2. Create the Trapezoid for the Window**

Measure and mark the center of the square plywood. Using a ruler and pencil, draw a trapezoid shape with the following dimensions:

- Top and Bottom Edges: 1 foot
- Left and Right Edges: 1 foot 6 inches
- Height: 1 foot

Cut out the trapezoid shape using the jigsaw or scroll saw.

## **3. Assemble the Illusion**

Apply wood glue to the edges of the trapezoid window shape and align it with the center of the square plywood. Secure the pieces together with clamps and allow the glue to dry completely.

## **4. Paint or Cover the Illusion**

To create the optical illusion, paint the inside of the trapezoid window shape black. The surrounding square frame should be painted white or covered with white fabric.

## **5. Display the Illusion**

Position the Giant Square Circle Illusion on a stand or table, with the trapezoid window facing slightly towards the audience. Ensure that the

illusion is placed at a height that allows viewers to look through the window from an angled perspective.

## **Performing the Magic**

To perform the Giant Square Circle Illusion, invite an audience to gather around the display. Ask one volunteer to stand behind the illusion and look through the trapezoid window. From their perspective, they will see a circular window. Meanwhile, the audience members viewing the illusion from the front will see a square window.

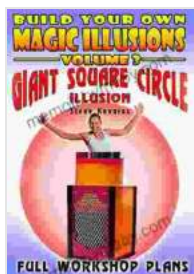
The illusion can be further enhanced by moving the volunteer slightly from side to side, creating the appearance of a rotating circle within the square window. Encourage your audience to walk around the illusion and observe it from different angles to witness the mind-boggling transformation.

Congratulations on building your very own Giant Square Circle Illusion! With this amazing optical illusion at your disposal, you're equipped to create unforgettable magic experiences that will leave your audience in awe and wonder. Whether you're a seasoned magician or simply seeking to amaze your friends and family, this illusion is an invaluable addition to your magical repertoire.

Remember, the key to performing the Giant Square Circle Illusion effectively lies in the precise construction of the trapezoid window and the proper positioning of the illusion during performance. Embrace your inner magician, experiment with different angles and lighting conditions, and watch as your audience becomes captivated by the mesmerizing power of optical illusions.

Unlock the world of magic and illusion today with the Giant Square Circle Illusion. Free Download your copy of the complete building guidebook and step into the extraordinary realm of optical wonder.

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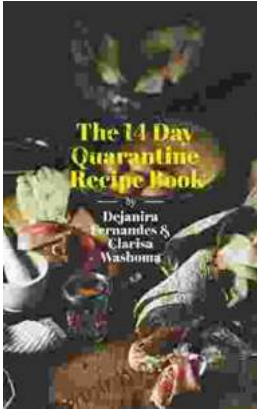
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