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**test\_report\_02**

**agodemar**

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## Chapter 1. Introduction

### 1.1. What is a Magic Square?

A magic square is an  $N$ -by- $N$  matrix constructed from the integers 1 through  $N^2$  with equal row, column, and diagonal sums.

### 1.2. Albrecht Durer and the Magic Square

The German artist Albrecht Durer (1471-1528) created many woodcuts and prints with religious and scientific symbolism. One of his most famous works, *Melancholia I*, explores the depressed state of mind which opposes inspiration and expression. Renaissance astrologers believed that the Jupiter magic square (shown in the upper right portion of the image) could aid in the cure of melancholy. The engraving's date (1514) can be found in the lower row of numbers in the square.



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## Chapter 2. 10 x 10 Magic Square

Wing span	13.5
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## Chapter 3. 25 x 25 Magic Square

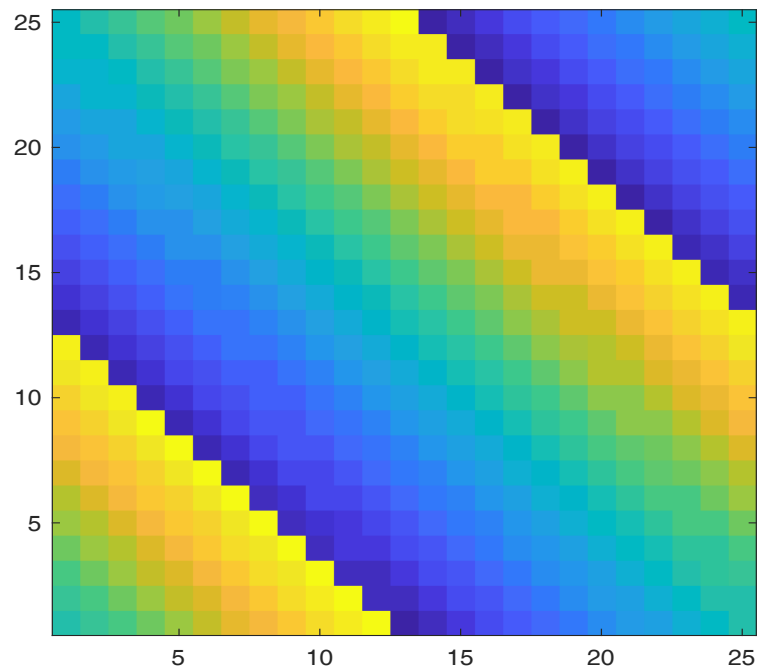


Figure 3.1. 25 x 25 Magic Square