

The magic behind the construction of certain Agrippa–Cardano type magic matrices

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Abstract

We build on results [5] presented at the International Workshop on Combinatorial Matrix Theory and Generalized Inverses of Matrices (Manipal University, January 2012). In this talk we will present procedures for the construction of certain Agrippa–Cardano [1, 2] type magic matrices using *magic-basis matrices*. We generate classic rank-3 $n \times n$ Agrippa–Matlab [1, 4] magic matrices with n doubly-even, and classic nonsingular Agrippa–Fermat magic matrices [1, 3] with n singly-even. We investigate some matrix-theoretic properties and present some interesting findings.

References

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