

Review of: "Constructing a Set of Kronecker-Pauli Matrices"

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Potential competing interests: No potential competing interests to declare.

In this paper, the author gives the generalization of the Pauli matrices via the Kronecker product, extending it to N-dimensional systems, where N is a prime integer.

In my opinion, the results seem correct. There are several typos in the paper. The author should pay attention to punctuation marks (some of them are written below). I can recommend this paper for publication after removing the typos:

Introduction, line 4: Please check " $j_1, j_2, \dots, j_n = 0, 1, 2, 3$ ". Is it correct or not?

Introduction, line 6: Please delete the comma and put a point after "level systems".

Introduction, line 14: Please write "forms a group" instead of "does form a group".

Definition 1: Please write "as a set of" instead of "as set of".

Page 2, line 22: Please put a point at the end of " $X^{(12)}$ ".

Page 2, line 24: Please delete the second point after "study".

Definition 2: Please write "Let us call an inverse-symmetric invertible complex matrix" instead of "Let us call inverse-symmetric an invertible complex matrix".

Page 3: Please put a point at the end of " U_{22} ".

Example 1 (line 3): Please write "one "one" " instead of "one one".

Page 8, line 2: Please write "for a prime integer N" instead of "for N a prime integer".