

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

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Potential competing interests: No potential competing interests to declare.

The paper is worthy of publication with minor revisions to:

- Correct definition 3 of U_{nm} ; it should be for $n, m = 0, 1, 2, \dots, d-1$.
- Define each symbol or operator in the first call of it, and clarify the notation and conditions in Theorem 1.
- Expand the discussion of relationships to quantum information theory to be more practical and not pure mathematics, and include more discussion of potential applications.
- Address the non-uniqueness question more thoroughly by determining the number of available sets of $N \times N$ KPMs for each N prime integer, and try to prove a formulation to get it.

The mathematical foundation is sound, and the results appear both novel and useful.