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**Room squares with super-simple property.**


Summary: Constant-composition codes are a special type of constant-weight codes and have attracted recent interest due to their numerous applications. In a recent work, the authors found that an optimal \((n,5,[2,1,1])_4\)-code of constant-composition can be obtained from a Room square of side \(n\) with super-simple property. In this paper, we study the existence problem of super-simple Room squares. The problem is solved leaving only two minimal possible \(n\) undetermined.

**Keywords:** constant-composition codes; room squares; super-simple
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