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Building Complex and Quaternionic Lattices from Codes over Rings

Abstract for the Combinatorics and Number Theory Seminar 2003 March 3

A well known construction produces real unimodular lattices from codes over rings. We shall describe the rings and the maps necessary to build complex and quaternionic unimodular lattices in a similar manner.

From:

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Last update: **2020/01/29 19:03**

