

ATELIER « LES GRAPHS ET L'ARITHMÉTIQUE »  
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WORKSHOP ON GRAPHS AND ARITHMETIC  
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Algebraic constructions of graphs and error-correcting codes,  
classical and quantum.

Gilles Zémor

Institut de Mathématiques de Bordeaux  
Université Bordeaux 1  
351, cours de la Libération  
F-33405 Talence Cedex  
FRANCE

[zemor@math.u-bordeaux1.fr](mailto:zemor@math.u-bordeaux1.fr)

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A number of good constructions of classical error-correcting codes have an underlying graphical structure, and some of these carry over to the quantum setting with additional twists and new challenges. We review some of these constructions and introduce some new ones.