

Publications

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- [1] N. DELFOSSE AND G. ZÉMOR, **Linear-time maximum likelihood decoding of surface codes over the quantum erasure channel**, *Physical Review Research*, **2** 033042, July 2020.
- [2] G. SPINI AND G. ZÉMOR, **Efficient protocols for Perfectly Secure Message Transmission with applications to secure network coding**, *IEEE Trans. on Information Theory*, IT-66 No 10 (2020) pp. 6340–6353.
- [3] N. ARAGON, P. GABORIT, A. HAUTEVILLE, O. RUATTA AND G. ZÉMOR, **Low Rank Parity Check Codes: New Decoding Algorithms and Applications to Cryptography**, *IEEE Trans. on Information Theory*, IT-65 No 12 (2019) pp. 7697–7717.
- [4] C. BACHOC, A. COUVREUR AND G. ZÉMOR, **Towards a function field version of Freiman’s Theorem**, *Algebraic Combinatorics*, Vol. 1 No 4 (2018) pp. 501–521.
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Biography

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Patent

- [120] (WO/2010/000965) Method and device for protecting the integrity of data transmitted over a network (EN) / Procédé et dispositif de protection de l'intégrité de données transmises sur un réseau (FR).
Inventors : J. Lopez, J-M. Camus, J-M. Couveignes, G. Zémor, M. Perret.
<http://www.wipo.int/pctdb/fr/wo.jsp?WO=2010000965>