

Eugene Wigner Colloquium

event of SFB 910



Karel Proesmans

University of Luxembourg

“Finite-time Landauer principle”

We use optimal transport theory to minimize the thermodynamic cost associated with the erasure of a bit. In this way, we generalise Landauer’s principle to erasure over a finite amount of time. Furthermore, we discuss its generalisation to erasure with a finite erasure error and we will look at special protocols such as majority-logic decoding.

The Colloquium will take place online via Zoom. For information on how to access the event, please contact: henning.reinken@itp.tu-berlin.de

Thursday, 10.12.20 · 16:15h

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