

AUX FRONTIÈRES DE LA PHYSIQUE MATHÉMATIQUE.  
« UN HOMMAGE À L'OCCASION DU 70E ANNIVERSAIRE DE BARRY SIMON »  
28 AOÛT—1 SEPTEMBRE 2016

FRONTIERS IN MATHEMATICAL PHYSICS.  
“IN HONOUR OF BARRY SIMON’S 70TH BIRTHDAY  
AUGUST 28—SEPTEMBER 1, 2016

# Vignettes

Joseph Avron<sup>\*</sup>

[avron@physics.technion.ac.il](mailto:avron@physics.technion.ac.il); [avronj@gmail.com](mailto:avronj@gmail.com)

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I shall describe amusing elementary results that trace to Barry and his influence on me: The anti-commutative Pythagoras identity; Stable zero modes for bi-partite graphs; The breaking of translation invariance in magnetic fields and a simple formula of Barry for the Chern numbers and its relation to modern condensed matter physics.

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<sup>\*</sup>Department of Physics, Technion, 415 Taub (Arts and Humanities), Haifa, 32000, ISRAEL