

SUPERFLUIDITY

QUANTUM TALES

P. Kapitsa discovered helium superfluidity in 1937

Nobel Prize 1978

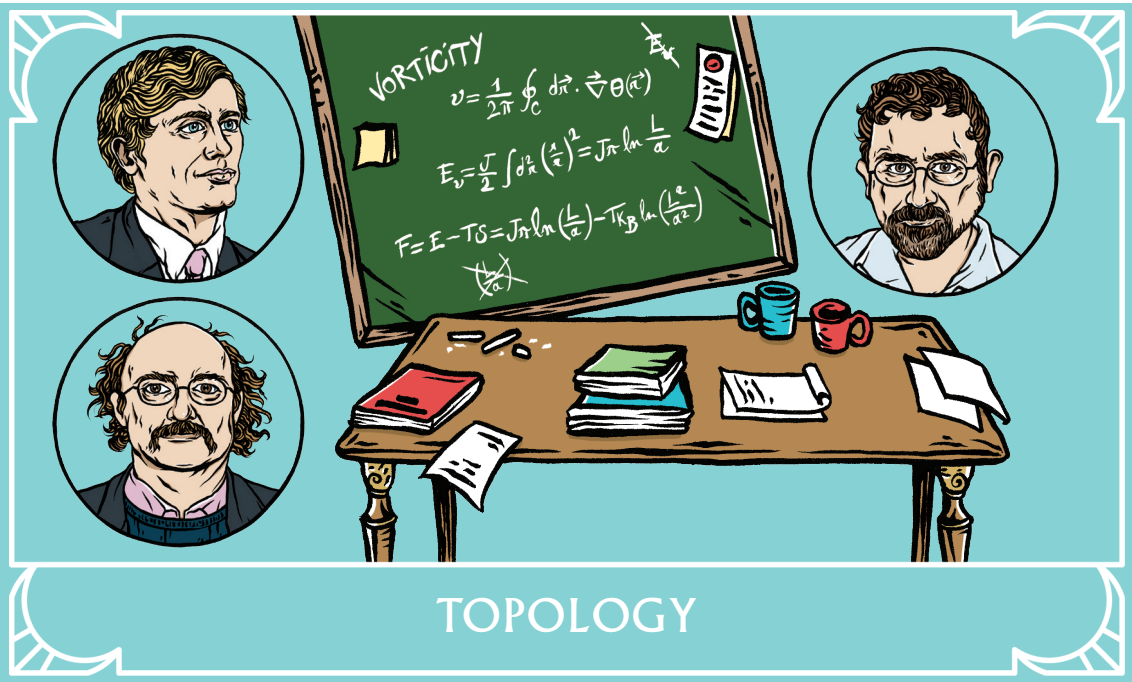
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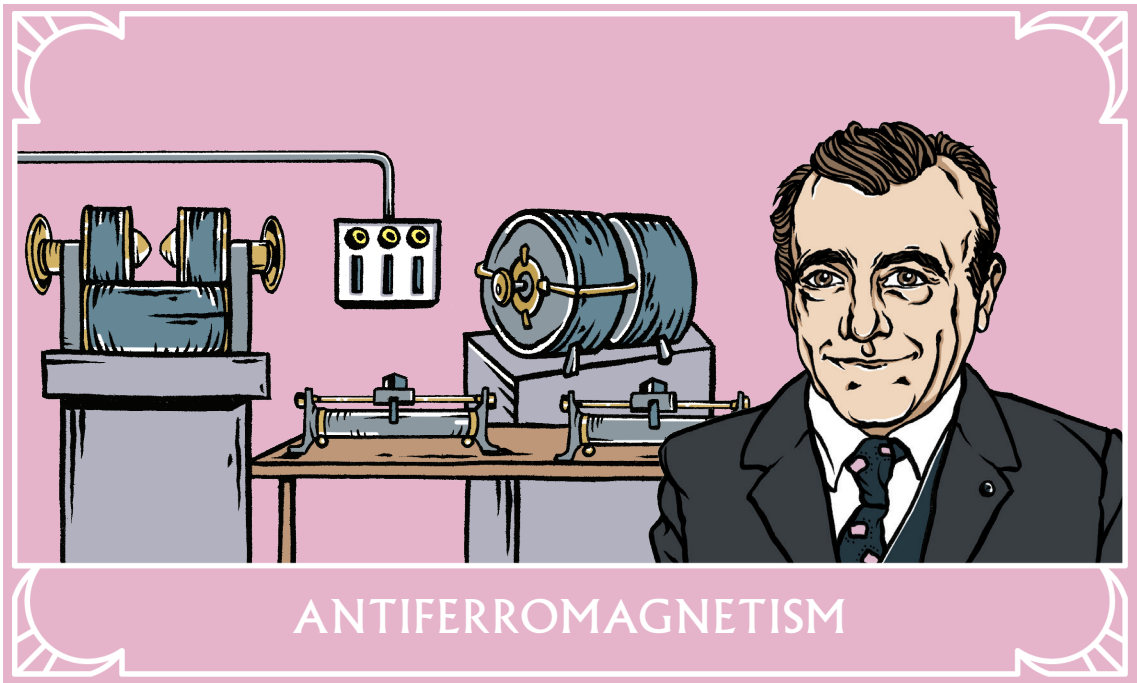


QUANTUM TALES

—
Thouless, Kosterlitz and Haldane discovered
topology's role in matter (1972 – 1985)
Nobel Prize 2016

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ANTIFERROMAGNETISM

QUANTUM TALES

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L. Néel discovered antiferromagnetism in 1936
Nobel Prize 1970

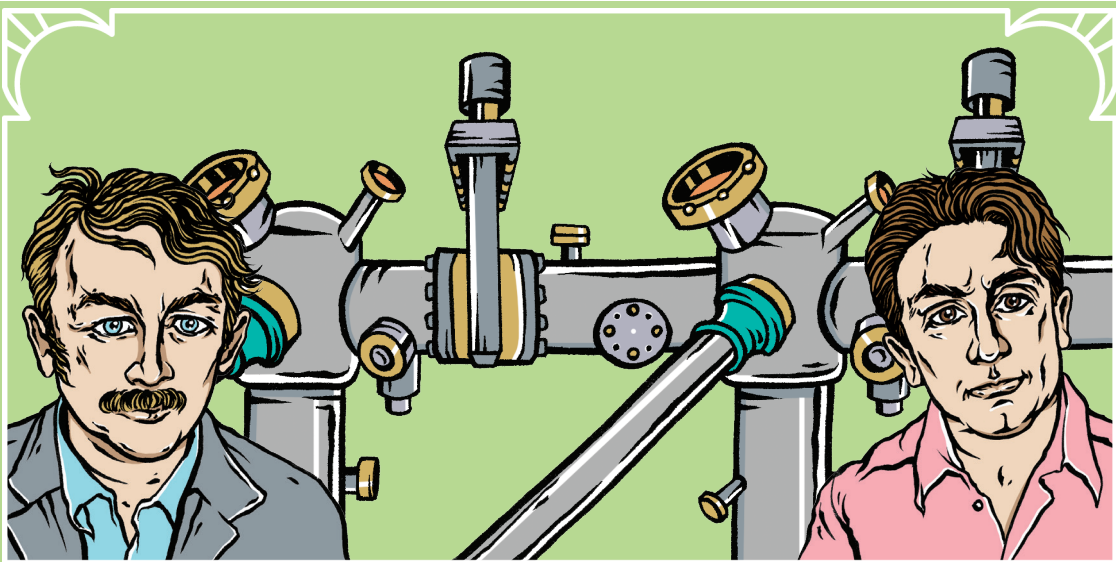
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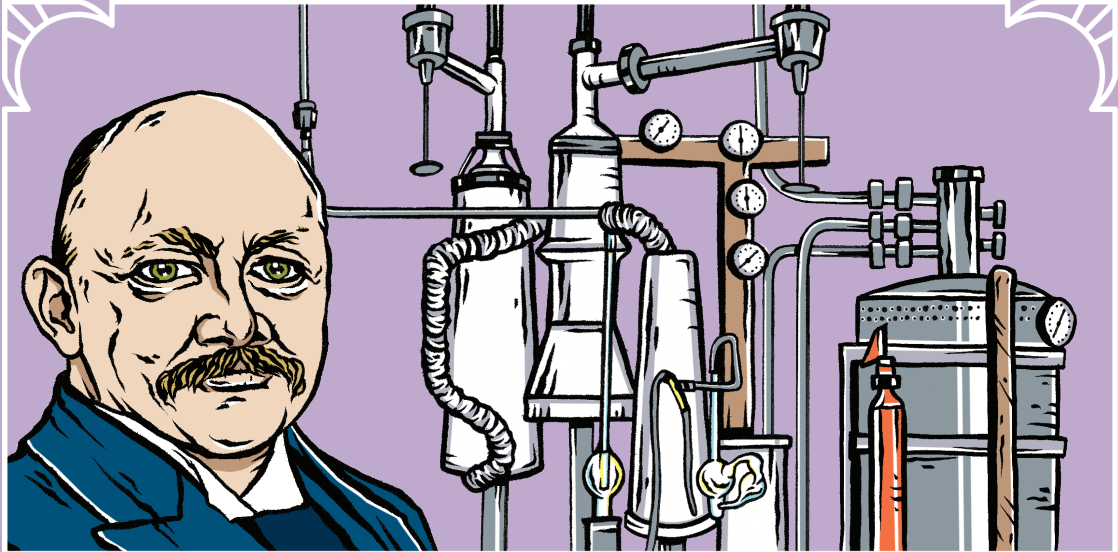
GIANT MAGNETORESISTANCE

QUANTUM TALES

A. Fert and P. Grünberg discovered giant magnetoresistance in 1988
Nobel Prize 2007

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SUPERCONDUCTIVITY

QUANTUM TALES

—
K. Onnes discovered superconductivity in 1911
Nobel Prize 1913

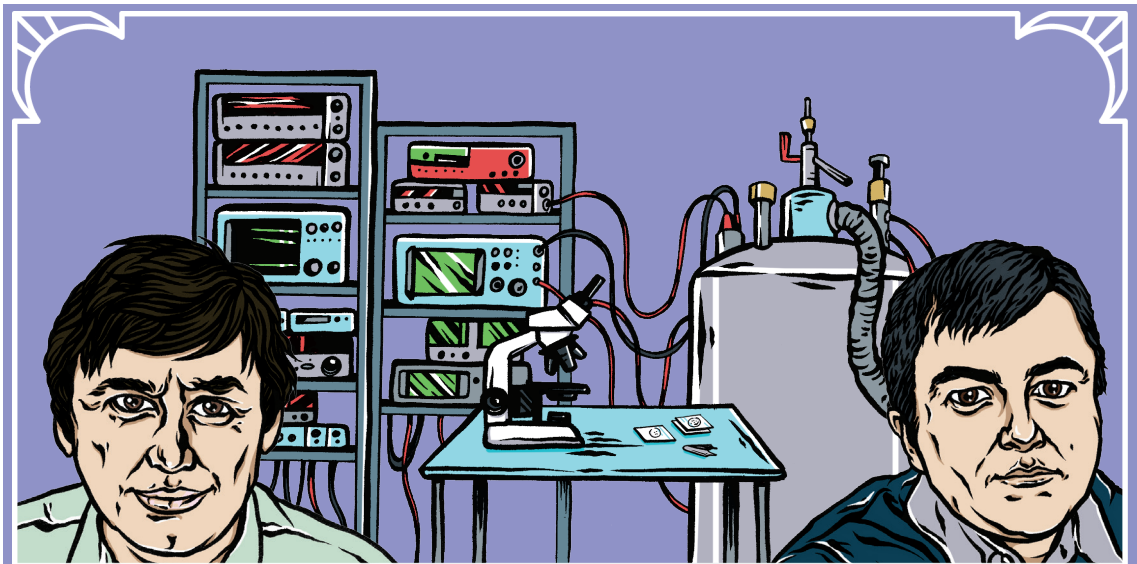
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GRAPHENE

QUANTUM TALES

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Novoselov and Geim discovered graphene in 2004
Nobel Prize 2010

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