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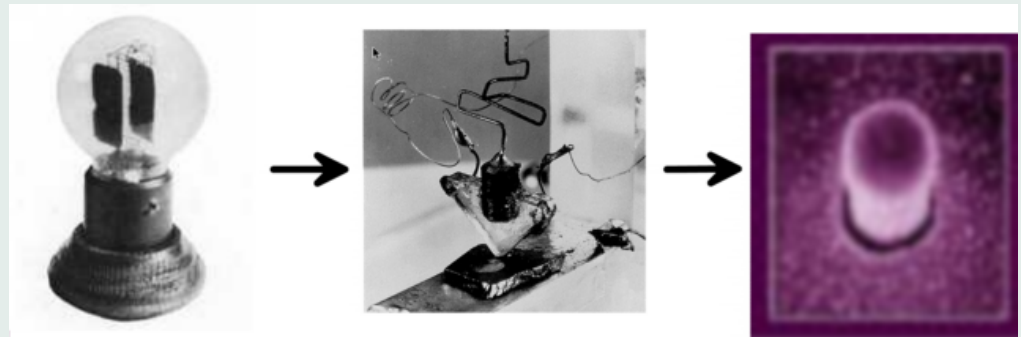
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*Quit*

# Elektroneja nanorakenteissa

Karri Niemelä, Pekka Pietiläinen ja Marko Mikkonen





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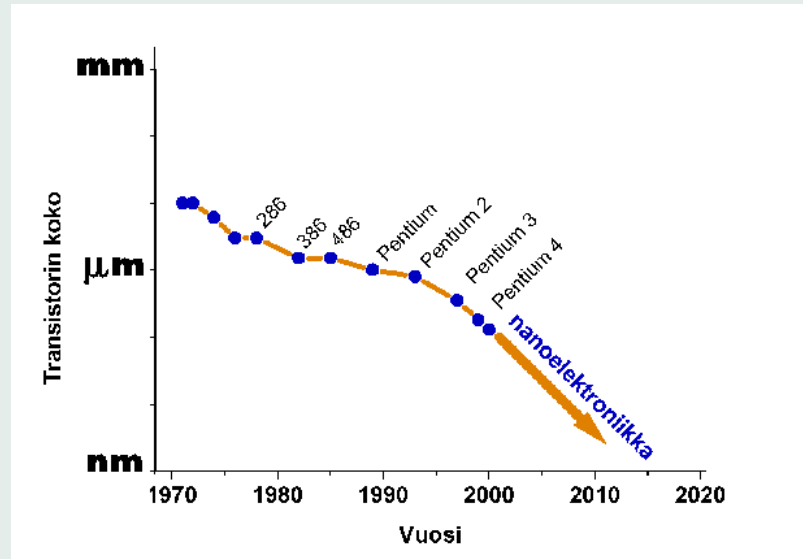
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# Kohti nanometriä





# Nanometri = millin miljoonasosa

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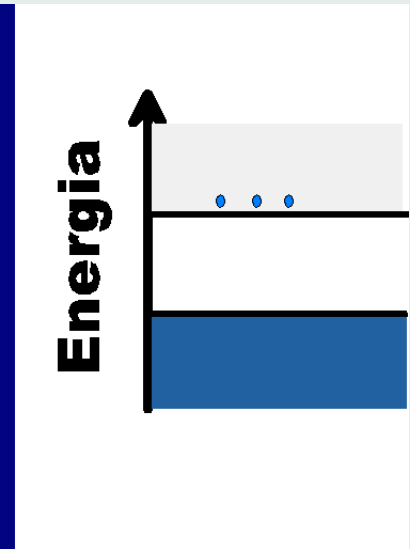
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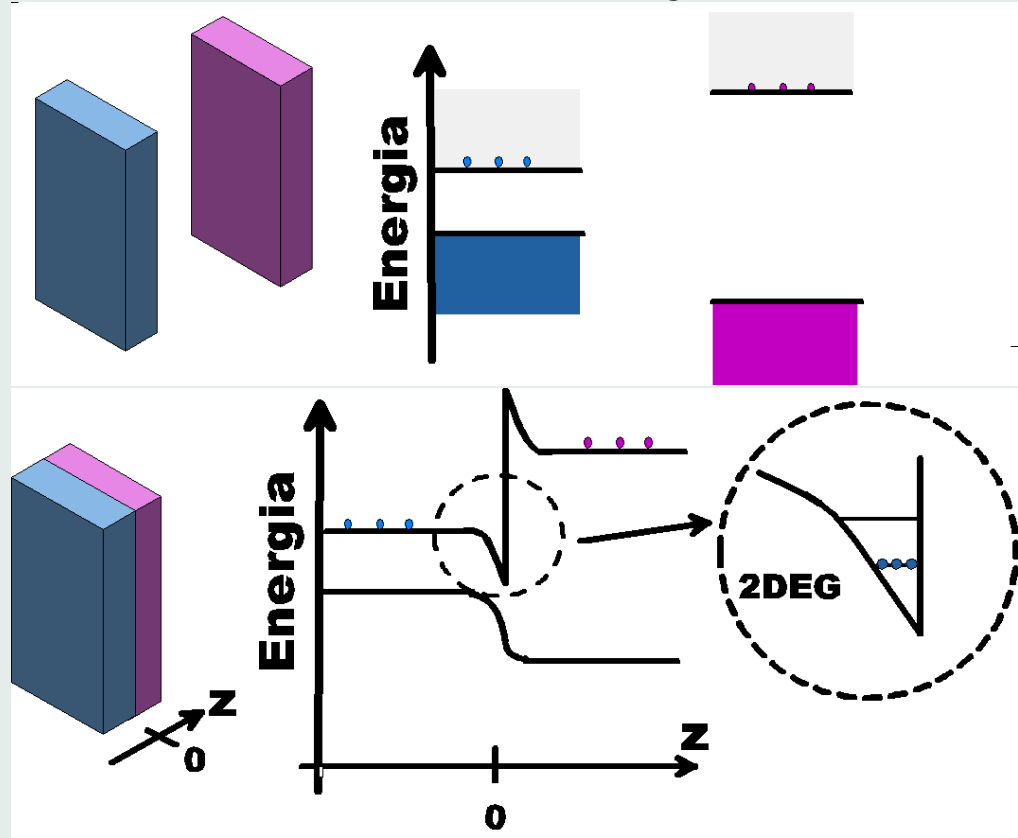
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# Heterorakenne -2D Systemi



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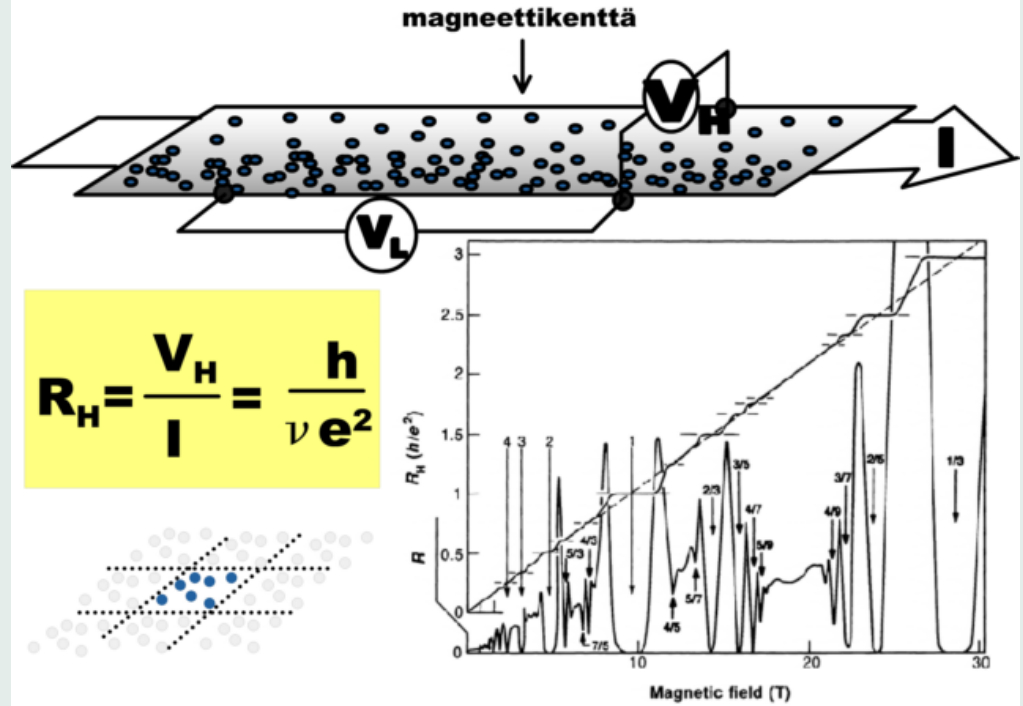
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# 2D Systemi magneettikentässä



Fysiikan nobelit v. 1985 ja 1998:

Quantum Hall effects

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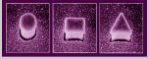
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# Elektroneja 1D rakenteissa

## Kvanttilanka – “Nanokanava”

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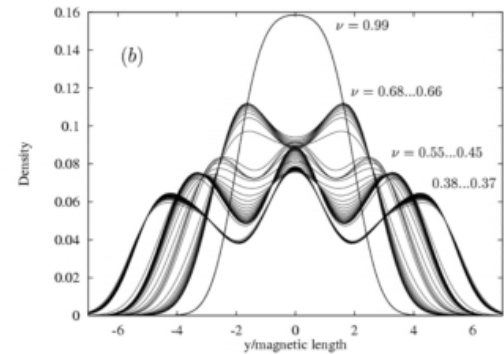
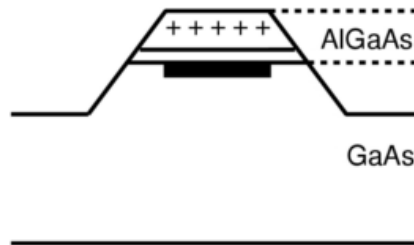
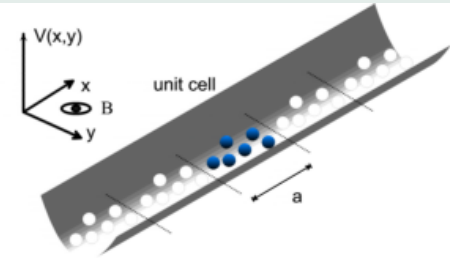
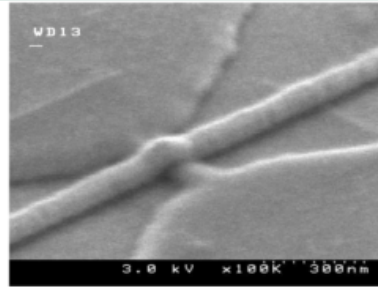
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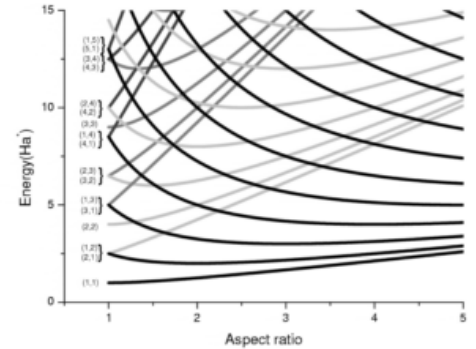
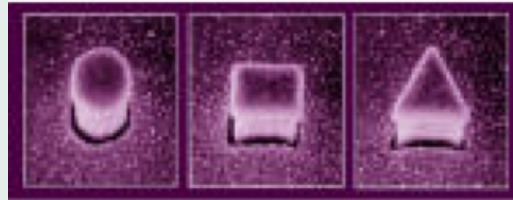
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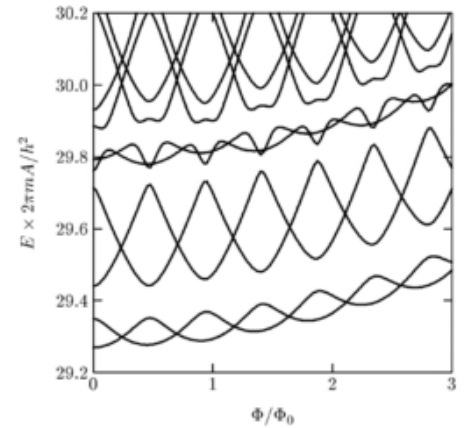
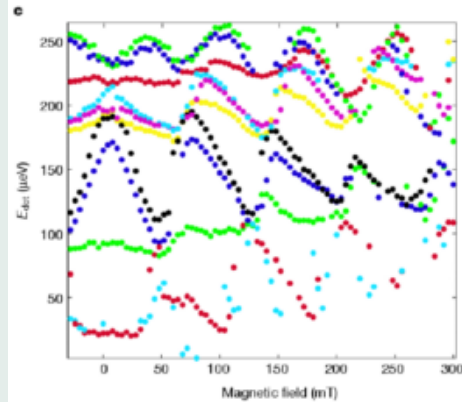
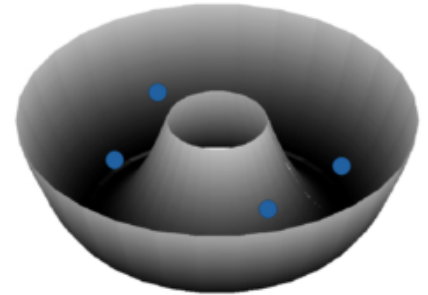
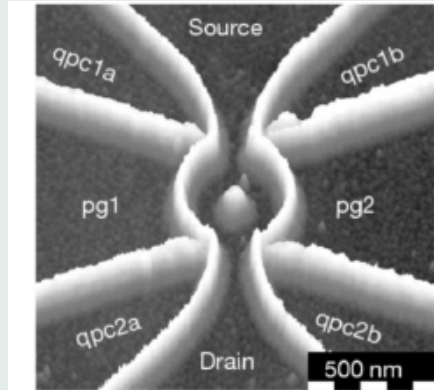
# Elektroneja 0D rakenteissa

## Kvanttipiste – “Keinotekoinen atomi”





# Kvanttirenkas – “Nanosilmukka”



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