

# Hands on Quantum Mechanics 2016



**Monday, 11 July 2016 - Friday, 29 July 2016**

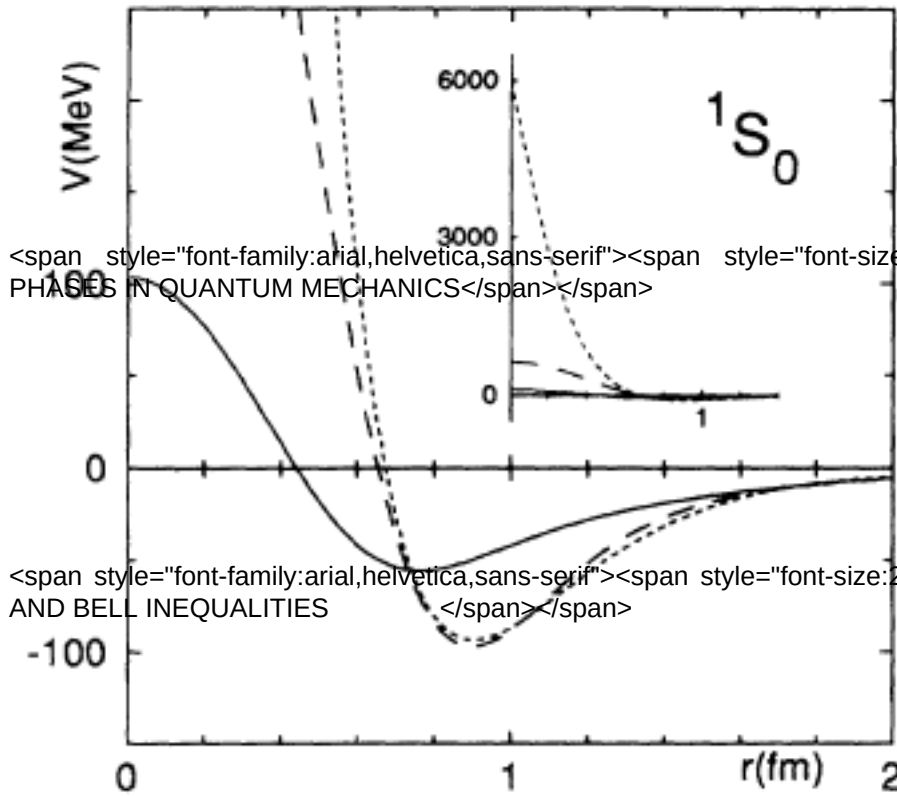
**IST, Lisbon**

## Research Topics

# Bell's Inequality

# ENTANGLED PARTICLES

</span>

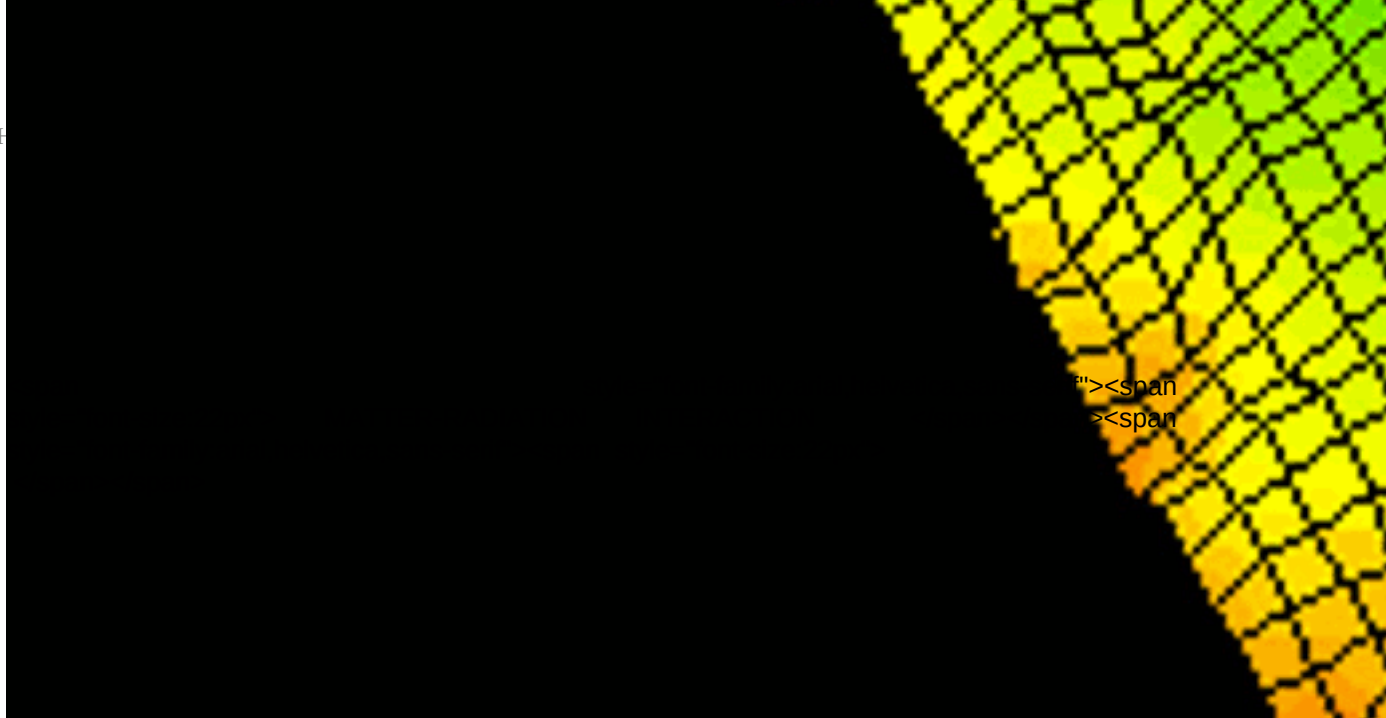


<span style="font-family:arial,Helvetica,sans-serif"><span style="font-size:22px"> GED  
PHASES IN QUANTUM MECHANICS</span></span>

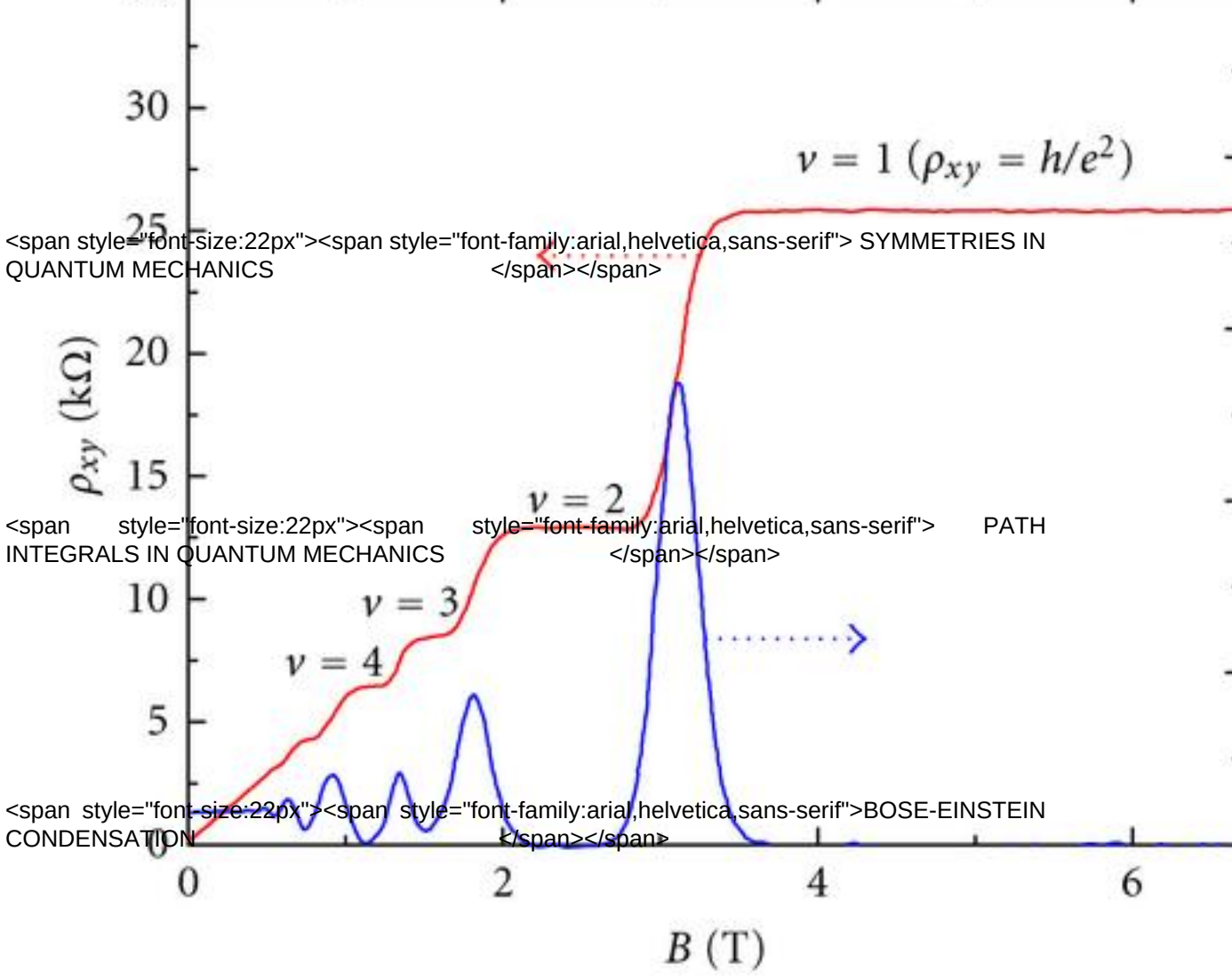
<span style="font-family:arial,Helvetica,sans-serif"><span style="font-size:22px"> EPR PARADOX  
AND BELL INEQUALITIES</span></span>

<span style="font-family:arial,Helvetica,sans-serif"><span style="font-size:22px"> NUCLEON-NUCLEON SCATTERING</span></span>

Nonlocality



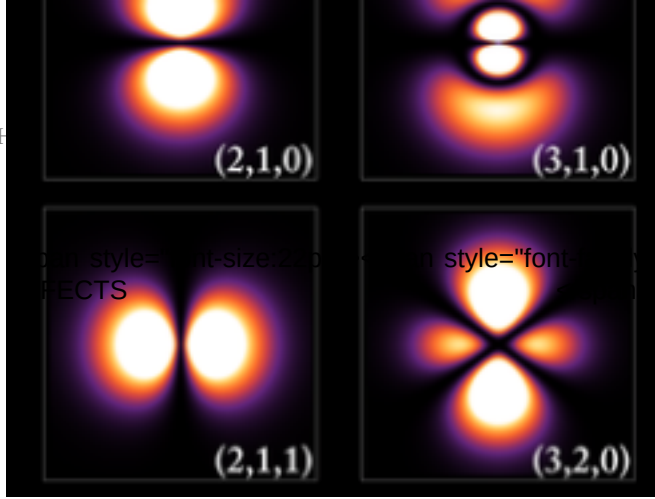
ELEMENTS OF QUANTUM COMPUTATION THEORY



SYMMETRIES IN QUANTUM MECHANICS

PATH INTEGRALS IN QUANTUM MECHANICS

BOSE-EINSTEIN CONDENSATION



FOUNDATIONS OF QUANTUM MECHANICS

FOUNDATIONS OF QUANTUM MECHANICS

This topic is intended to students who have not attended Quantum Mechanics courses yet and wish to start learning the basics.