



The Abdus Salam
International Centre for Theoretical Physics



School on
NEW TRENDS IN QUANTUM DYNAMICS AND ENTANGLEMENT
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MANY BODY PHYSICS FROM A QUANTUM INFORMATION PERSPECTIVE

3. The World According to GAPS and PEPS

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Abstract:

Remembering the famous book "The world according to Garp" by J. Irving, I will try here to give a flavor of a novel approach to see of condensed matter systems by their entanglement properties, gaps and tensor structure (Pair Entangled Product States).