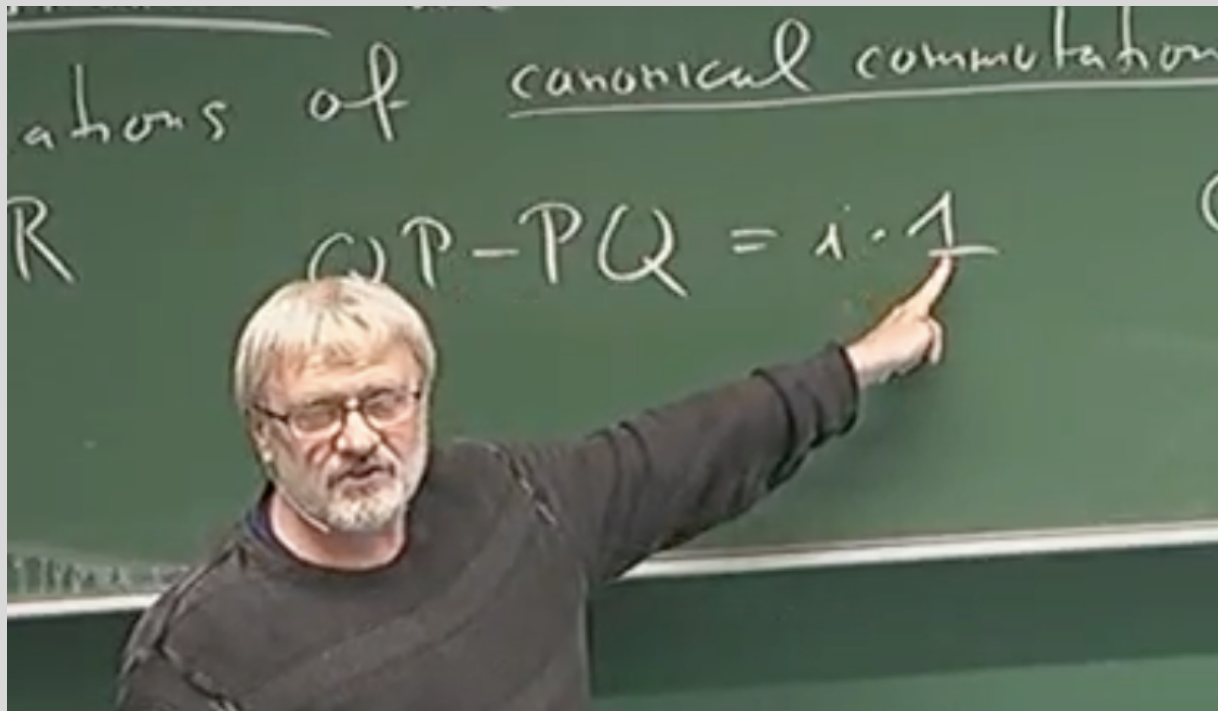


Lecture Series by Roland Speicher
Saarland University

Mathematical Aspects of Quantum Mechanics



- Canonical Commutation Relations
- Bounded and Unbounded Operators
- Symmetric and Self-adjoint Operators
- Spectral Theory and Functional Calculus
- Stone-von-Neumann Uniqueness Theorem
- Second Quantization
- Inequivalent Representations of $CCR(\infty)$
- Weyl C^* -algebra