

Workshop `Pauli2016`

University of Oxford

12-15 April 2016

Welcome!

Reduced Density Matrices in Quantum Physics and Role of Fermionic Exchange Symmetry

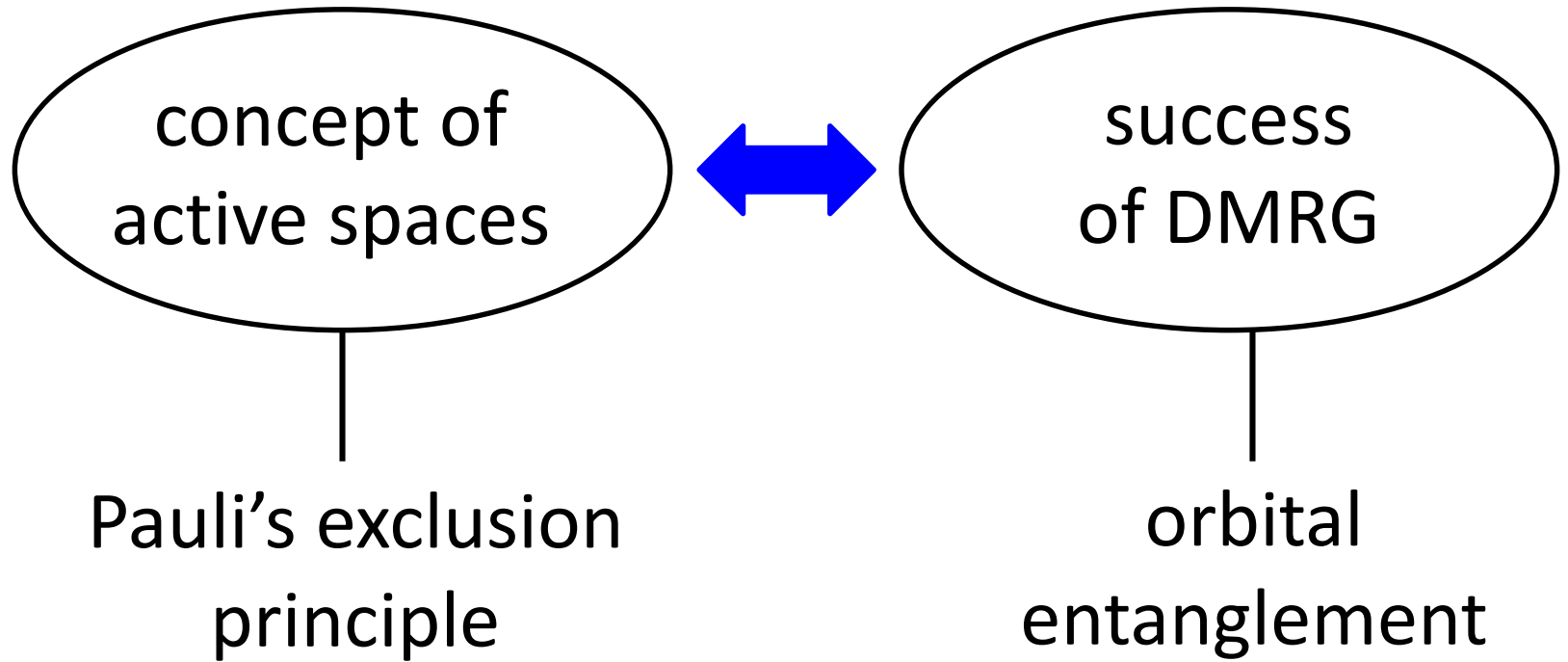
Motivation?

fermionic ground states:

energy minimization



antisymmetry



explore & quantify conflict
emerging concepts

- 1) Particle exchange symmetry
- 2) Reduced density matrices
- 3) Generalized Pauli constraints
- 4) Density matrix renormalization group (DMRG)

general spirit:

- introductory talks
- more informal
- talks shall inspire discussions
 → seminar rooms

Poster session

Wednesday, 8.00-10.00pm

abstracts: see website

Banquet

Thursday at 7.00pm at Christ Church



Menu

Cauliflower Soup with Scallop, Sagaloo and Curry Oil

*Braised and Barbecued Beef Cheek with Saffron Cabbage,
Baby Carrots and Sour Cream Mash*

Popping Vanilla Brûlée with Rhubarb Sorbet

Coffee and Mints

Please register!