

Note on Quantum Chemistry

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1 Introduction

2 Molecular orbital models

2.1 PEA

2.1.1 Hamiltonian reduction methods

2.1.2 BK-tree

2.2 VQE

2.2.1 Ground state

2.2.2 Excited state

2.2.3 Ansatz

2.2.4 UCC

2.2.5 Heuristic Ansatz

3 non-MO