

1927, Thomas–
Fermi model

1964, orbital-
free DFT

1965, Kohn-
Sham DFT,
LDA,GGA

meta-GGA

Hybrid functional

1927, H_2

1916,
Lewis

valence bond

1931, modern va-
lence bond theory

old valence theories

SCGVb

⋮

1927, Ha-
rtree SCF

1950s, Hartree-Fock SCF

CI

CC

MP2

⋮

1927, non-interacting
atomic and molecular
orbitals