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۲	One cannot solve for the helium atom's spatial states exactly
۲	Use first-order perturbation theory Independent-electron model is solvable
	"Correct" the energy by integral over unperturbed states Evaluate Coulomb integrals, J
۲	Still not adequate to model the experimental data • Variational calculation allows a closer approach
	Major problem is "correlation energy" Electron avoidance
	 More sophisticated numerical solutions allow close approach to ground-state wave functions
	Self-consistent field Configuration interaction