- "Quantum minimum"
- 1. The wavelength of de Broglie
- 2. Wave function. The physical meaning of the wave function
- 3. Definition of a Hermitian operator. The eigenfunctions and eigenvalues of a Hermitian operator
- 4. The average value of the operator of a physical quantity
- 5. The Schrödinger wave (time-dependent) equation
- 6. The stationary (time-independent) Schrödinger equation. The Hamiltonian operator.
- 7. Position, momentum, and angular momentum operators
- 8. The uncertainty relation for the coordinate and momentum
- 9. The concept of spin. The Pauli Exclusion Principle
- 10. The Bohr Sommerfeld quantization rules