## References

- 1) Born M.Oppenheimer J.R. **Quantum theory of the molecules**. Ann. Phys. (Leipzig). 1927; 84: 457-484
- 2) Frank-Kamenetskii M.D.Lukashin A.V. **Electron-vibrational interactions in polyatomic molecules**. Sov. Phys. Uspekhi. 1975; 18: 391-409
- 3) <u>Lifshitz, E.M.; Pitaevskii, L.P. **Physical Kinetics**; Butterworth-Heinemann: Oxford, UK, 2012.</u>
- 4) Nordholm, S.; Freasier, B.C.; Jolly, D.L. **Ergodic collision theory of intermolecular energy transfer**. Chem. Phys. 1977, 25, 433–449
- 5) Schrödinger E., **Statistical Thermodynamics**. Cambridge University Press, Cambridge, UK1946
- 6) Prezhdo O.V. Kisil V.V., **Mixing quantum and classical mechanics.** Phys. Rev. A. 1997; 56: 162-176
- 7) Discovery of Dozy Chaos and Discovery of Quanta: Analogy Being in Science and Perhaps in History of Civilization, Book of Abstracts (1266), p. 523.
- 8) Condon E.U.**The Franck-Condon principle and related topics**. Am. J. Phys. 1947; 15: 365-374
- 9) Chaos in Classical and Quantum Mechanics. Springer-Verlag, New York1990
- 10)Berry M.V.Quantum chaology, not quantum chaos. Phys. Scr. 1989; 40: 335-336
- 11) Dabaghian Yu.Jensen R., **Quantum chaos in elementary quantum mechanics.** Eur. J. Phys. 2005; 26: 423-439