

**EMISSION OF NEAR-ZERO-ENERGY ELECTRONS FROM THE SURFACE OF SOLID  
STATE IN RADIOACTIVE DECAY OR UNDER BOMBARDMENT  
BY CHARGED PARTICLES**

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The main characteristics of emission of near-zero-energy electrons  $e_0$  from surface of solid state received by the different authors in experiment are considered. The existing ideas about the nature of this phenomenon are discussed. Our explanation of  $e_0$ -electrons emission is the stress off of electrons from surface caused by a sudden splash of a charge near to the surface of source in radioactive decay or under bombardment of target by charged particles. The emission  $e_0$ - of electrons is considered at different modes of radioactive decay and in nuclear reactions.