Electric charge and energy localization in silicates; numerical problems. By Prof. Masayuki Kimura from ILAS, Kyoto University, Japan Monday, October 21, 2019: 12:45-13:15h



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Abstract: We investigate a realistic model for ions in the cation layer of a layered silicate. Ions of K⁴⁰ experience beta decay leaving behind a unit electric charge in the ion together with a recoil velocity. The outcome is influenced by the charge. The numerical results and problems of the simulation are described.



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