

## Evaluation of Multicenter Nuclear Attraction Integrals by the Use of Translation Formula for Slater Type Orbitals

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Abstract: By the use of translation formula for Slater type orbitals (STOs), three-center nuclear attraction integrals are represented in terms of two-center overlap and nuclear attraction integrals. The computing results for the formula presented here has been tested under wide changes in molecular parameters and good convergence has been obtained with the prior literature.

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Key words: nuclear attraction integrals, overlap integrals, Slater type orbitals

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