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## Effect of Isospin Averaging for $ppK^-$ Kaonic Cluster

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The kaonic cluster  $NN\bar{K}(s_{NN}=0)$  is modeled based on the configuration space Faddeev equations. The  $N\bar{K}$  interaction is given by isospin-dependent potentials having significant difference between singlet and triplet components. We show that the relation  $|E_3(V_{AA}=0)|<2|E_2|$  is satisfied, where  $E_2$  is the binding energy of the  $N\bar{K}$  subsystem and  $E_3(V_{AA}=0)$  is the three-body binding energy, when interaction between identical particles is omitted, V\_{NN}=0. Taking into account weak attraction of NN interaction, the relation leads to the evaluation |E||\_2||\_1. The "isospin less model" for the kaonic clusters based on the isospin averaged N{\bar{K}} potential [1, 2, 3] demonstrates the opposition of the property of two-body threshold. Numerical calculations using phenomenological potentials will be presented.

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**Author:** FILIKHIN, Igor (North Carolina Central University)

Co-author: VLAHOVIC, Branislav (North Carolina Central University)Presenter: VLAHOVIC, Branislav (North Carolina Central University)

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