**Isospin and Isospin-less Models for Kaonic Clusters**[1] BRANISLAV VLAHOVIC, IGOR FILIKHIN, North Carolina Central University — The kaonic clusters KKp and ppK are studied based on the configuration space Faddeev equations formulated for AAB system. We consider two models: isospin and isospin-less. The relations between the doubled binding energy of the AB subsystem 2B2 and the three-body binding energy B3(VAA=0), when the interaction between the identical particles is omitted, are different for these models. For the kaonic cluster described within isospin formalism the relation B3(VAA=0) <2B2 is valid. The evaluation for the ppK binding energy B3 <2B2 is result of a weak attraction of the spin singlet NN interaction. The isospin-less model leads to the relation B3(VAA=0) >2B2. The results of calculations are presented.

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