

## Phase transition between the isovector to isoscalar pairing correlations in deformed $N=Z$ nuclei

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We demonstrated that the enhanced IS pairing brings about the IS condensation with the deformation. In fact, the relationship between the IS pairing in the tensor force and the deformation is not clear because of the shell evolution along the deformation. In particular, the completion of the pairing interaction in the residual interaction and the deformation in the mean field remains to be discussed.

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