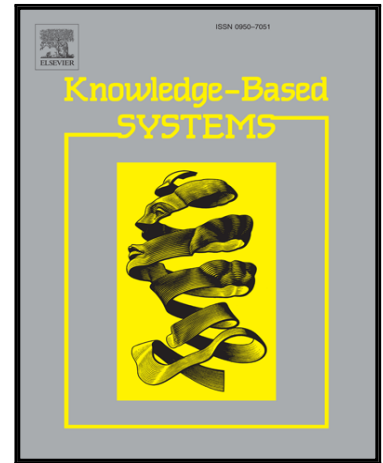


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Impact of individual difference and investment heterogeneity on the collective cooperation in the spatial public goods game

Yingchao Zhang, Juan Wang, Chenxi Ding, Chengyi Xia

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**Highlights**

- A novel PGG model with individual difference and investment heterogeneity is proposed.
- The individual difference is implemented by classifying the individuals into two classes.
- The investment heterogeneity is carried out through dynamic adjustment of contributions of cooperators.
- The nontrivial evolution of cooperation will be presented in the spatial PGG.

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