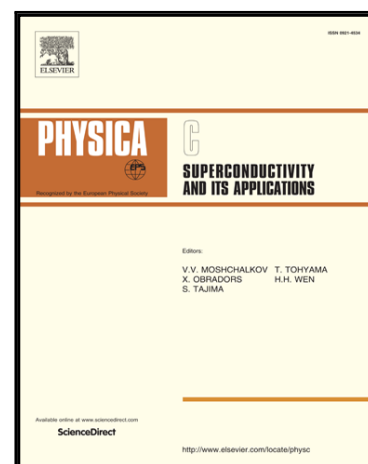


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An investigation of the interrelationship between pressure and correlation in LaFeAsO under pressure

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Highlights

- We investigated the interrelationship between pressure and correlation in the LaFeAsO.
- The calculations were done by DFT+DMFT method.
- The orbital switching induces a switching behavior between high and low TC.
- Our calculations show the significant role of the orbital degrees of freedom in FeSCs.
- We found the crucial role of the xy orbital in superconductivity in these materials.

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