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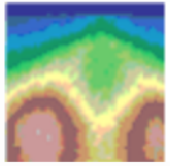

## Nodeless superconducting gap in $A_xFe_2Se_2$ (A=K,Cs) revealed by angle-resolved photoemission spectroscopy

Y. Zhang, L. X. Yang, M. Xu, Z. R. Ye, F. Chen, C. He, H. C. Xu, J. Jiang, B. P. Xie, J. J. Ying, X. F. Wang, X. H. Chen, J. P. Hu, M. Matsunami, S. Kimura & D. L. Feng

Knowledge of the symmetry of the superconducting order parameter is essential for understanding the origin of superconductivity. This study on heavily doped $Fe_2Se_2$ shows that in these compounds the order parameter has a relatively simple symmetry in comparison with most other iron-based superconductors, and questions the generality of the results that had been obtained so far.

**Full text** | PDF (594 KB)