Quantum transport in van der Waals junctions of 2D materials



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CPEC

MACHDA LAB.

[2D material: physics in one atomic layer]

Center for Photonics Electronics Convergence

http://qhe.iis.u-tokyo.ac.jp

Quantum semiconductor spintronics

Department of Materials Engineering/Department of Applied Physics, Graduate School of Engineering

Quantum phenomena in 2D materials

The graphene and other one atomic layer thick crystals reveal unusual quantum physics. By combining material science , nano-fabrication, and low temperature (~10 mK) measurement, we explore the science and the engineering of graphene and two-dimensional crystals. $G(\mu S)$

5.4

