



Quasiparticle Scattering Induced by Charge Doping of Iron-Pnictide Superconductors Probed by Collective Vortex Pinning

Cornelis Jacominus Van Der Beek, Marcin Konczykowski, Shigeru Kasahara, Takahito Terashima, Ryuji Okazaki, Takasada Shibauchi, Yuji Matsuda

► To cite this version:

Cornelis Jacominus Van Der Beek, Marcin Konczykowski, Shigeru Kasahara, Takahito Terashima, Ryuji Okazaki, et al.. Quasiparticle Scattering Induced by Charge Doping of Iron-Pnictide Superconductors Probed by Collective Vortex Pinning. *Physical Review Letters*, American Physical Society, 2010, 105, pp.267002. <10.1103/PhysRevLett.105.267002>. <hal-00483222v2>

HAL Id: hal-00483222

<https://hal.archives-ouvertes.fr/hal-00483222v2>

Submitted on 23 Dec 2010

HAL is a multi-disciplinary open access archive for the deposit and dissemination of scientific research documents, whether they are published or not. The documents may come from teaching and research institutions in France or abroad, or from public or private research centers.

L'archive ouverte pluridisciplinaire **HAL**, est destinée au dépôt et à la diffusion de documents scientifiques de niveau recherche, publiés ou non, émanant des établissements d'enseignement et de recherche français ou étrangers, des laboratoires publics ou privés.

