

Abstract Submitted
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Electron magnetism of antiferromagnetic conductors.¹ REVAZ RAMAZASHVILI, LPTMS, Orsay — Essential momentum dependence of the electron g -tensor in an antiferromagnet turns the common Zeeman term into a spin-orbit coupling. I will discuss some of the remarkable experimental consequences of this phenomenon. The predictions may be relevant to antiferromagnetic conductors from chromium to electron- and hole-doped cuprates, borocarbides, pnictides, organic and heavy fermion materials.

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