Electron magnetism of antiferromagnetic conductors.\textsuperscript{1} REVAZ RA-
MAZASHVILI, 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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