

Abstract Submitted
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Hall conductivity and colossal magnetoresistance in FeSb₂¹

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VIC, Condensed Matter Physics, Brookhaven National Laboratory — We report the
anisotropic Hall conductivity and discuss mechanism of colossal magnetoresistance
in Co doped FeSb₂. The Hall conductivity is described in a multi-carrier picture, in
which large carrier mobility was found in Co doped FeSb₂.

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