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磁化率各向异性地学应用综述 [点此下载全文](#)

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摘要:

本文综述了磁化率各向异性在地学中应用的现状、存在问题及发展趋势。重点介绍了磁化率各向异性在岩石变形分析中应用的最新研究成果、不足之处及改进方法,同时文章也介绍了磁化率各向异性在岩浆岩、沉积岩(物)及沉积环境方面的应用情况及最新进展。

关键词: [磁化率](#) [各向异性](#) [岩石变形](#) [沉积环境](#) [磁性矿物](#)

A Review of the Applications of Anisotropy of Susceptibility to Earth Science [Download Fulltext](#)

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Abstract:

The anisotropy of magnetic susceptibility (AMS) has been widely used in many fields of the earth science in recent years. In this paper the authors discuss the recent progress in the applications of AMS to these fields, especially in the analysis of structural deformation of rocks. Though the method is very useful, there are many restrictions because of the influence of many factors. In order to use the method correctly, we should pay attention to the prerequisites of the method and do some work to improve it, which will do much good to the applications of AMS to earth science.

Keywords: [anisotropy of magnetic susceptibility](#) [structural deformation analysis](#) [sedimentary environment](#) [magmatism](#)

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