New method of studying the anisotropy of lower critical fields in HTSC

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If we rotate a magnetic field **H** relatively a certain directions in the laboratory system of coordinates, vector **H** forms average angles, and, respectively, with the magnetic anisotropy axis ***c*** of HTSC textured polycrystalline sample***.*** We may receive three or more equations for angular dependence of lower critical field H_{c1}. In consequence of experiments on textured $YBa_2Cu_3O_{7-dd}$ samples we obtained the, and / values closed to parameters of single crystals.