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EPR investigations of defects in $\text{Bi}_{12}\text{GeO}_{20}:\text{Cr}$ single crystal irradiated by high energy uranium ions

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The results of investigations of EPR spectra of chromium doped $\text{Bi}_{12}\text{GeO}_{20}$ (BGO) single crystals are presented. The crystals were studied before and after irradiation by the ^{235}U ions with energy 9.47 MeV/u and fluency $5 \times 10^{11} \text{ cm}^{-2}$. The effect of heating irradiated samples in air on the EPR spectra is also studied.