

FERROBIELASTIC PROPERTIES
OF FERROELECTRIC CRYSTAL $\text{Pb}_5\text{Ge}_3\text{O}_{11}$

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S u m m a r y

Analysis of the tensors of spontaneous elastic constants is used to determine the definite combinations of mechanical stresses to switch ferroelectric domains in $\text{Pb}_5\text{Ge}_3\text{O}_{11}$. The monodomain state of $\text{Pb}_5\text{Ge}_3\text{O}_{11}$ single crystals is obtained by simultaneous application of two mechanical stresses $\sigma_{11}\sigma_{13}$ or $\sigma_{22}\sigma_{23}$ after cooling the specimens through the Curie point.