

MECHANICAL RELAXATION IN CHALCOGENIDE
GLASSES OF THE Ge—As—S SYSTEM

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S u m m a r y

The temperature- (in the range 100 K— T_g) and frequency-related (in the range 5—50 mHz) dependences of the internal friction and the shear modulus in $\text{Ge}_x\text{As}_{40-x}\text{Se}_{60}$ glasses have been studied. The maxima of internal friction of both the relaxation and non-relaxation types have been found in the low-temperature range. A relaxation maximum has been revealed in the vitrification region, and its parameters have been determined. Possible mechanisms of these processes have been discussed.