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# **A high-performance action compensation of thermally induced birefringence in active elements from glass with neodymium**

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*The article presents the results of the research aimed at improving the actions compensation efficiency of thermally induced birefringence in the isotropic solid-state laser active media for high thermal loads modes. It provides some suggestions actually to eliminate the negative effect in a solid state laser.*

**Keywords:** *solid-state laser, glass with neodymium, thermally induced birefringence, laser radiation depolarization, birefringence action compensation.*

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