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## Sol-gel derived optical waveguide films for planar sensors with phase modulation

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### Keywords

sol-gel, silica-titania film, dip coating, planar waveguide, planar sensor

### Abstract

The paper presents the results of investigation of the technology of optical waveguide films produced with the sol-gel technique. The silica-titania films were deposited on glass substrates by a deep coating method. The influence of withdrawal speed and aging time of sol on the refractive index and film thickness has been tested.



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