

PREFACE

In this paper we continue publication of the papers contributed to the conference on Pulse Lasers on Atomic and Molecular Transitions held in Tomsk, September 7-9,1992. Some first papers were published in Atmospheric and Oceanic Optics 6, No. 3,1993. As previously, this thematic issue involves the papers on the following topics:

- gas lasers,
- dye lasers, and
- application of lasers.

Most attention is concentrated on the use of lasers in medicine for prophylaxis and treatment of oncologic diseases, open ulcers of a stomach and duodenum. Most of results has been obtained by Tomsk physicists in the field of lasers in collaboration with doctors and is of considerable interest for applied medicine, as was repeatedly noted at the conference. Therefore, we decided to present the results described in the papers with no change of them, though they are not most closely in line with subject of the journal.

We hope that the international conferences similar to the above-mentioned will be traditional and the most interesting reports will be also presented in the thematic issues of the journal Atmospheric and Oceanic Optics. We are grateful to editorial board and editorial staff for the given opportunity to publish rapidly the proceedings of the conference.

Scientific Secretary of the Organizing Committee at the Conference
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