TITLES OF FORTHCOMING PAPERS

G. Kramer, C.O. Weiss: Frequencies of some Optically Pumped Submillimetre Laser Lines

S.N. Bagayev, L.S. Vasilenko, A.K. Dmitriyev, V.G. Gol'dort, M.N. Skvortsov, V.P. Chebotayev: Narrow Resonances in Radiation Spectrum of the He-Ne Laser with Methane Absorber

A.A. Vorobiev, K.P. Arefiev, S.A. Vorobiev: Evidence for a Positron-Exciton Insulator in Alkali-Halide Crystals

A. Wagendristel, E. Tschegg, E. Semerad, H. Bangert: Computer Simulation of Interdiffusion in Polycrystalline Thin Film Couples

I.K. MacKenzie, B.T.A. McKee: A Two-Parameter Measurement of the Correlation of Positron Age with the Momentum of the Annihilating Positron-Electron Pair

D. Segers, C. Dawse, M. Dorikens, L. Dorikens-Vanpraet: Temperature Dependence of Positron Annihilation Parameters in Solid Gallium

W. Rothemund, C.R. Fritzsche: The Investigation of Ion Implanted Layers by Scanning Electron Microscopy

B. Andlauer, J. Schneider, W. Wettling: Optical and Magneto-Optical Properties of YIG and FeBO₃

U. Gradmann, W. Kümmerle, R. Thom: High Sensitivity Torsion Magnetometers for Oligatomic Films

H.J. Queisser: Advances in the Optical Analysis of Semiconductor Materials

NOTES FROM THE EDITORS

It is with pleasure that APPLIED PHYSICS announces the addition to its editorial board of Dr. S. Amelinckx of Studiecentrum voor Kernenergie, Mol, Belgium. Dr. Amelinckx will cover the area of "Metals and Alloys" in the field of solid-state physics. Professor A. Seeger will henceforth concentrate on "Positron Annihilation".

With the aim of making up-to-date information more readily available to all readers and researchers, APPLIED PHYSICS has adopted the Physics and Astronomy Classification Scheme (PACS) developed by the American Institute of Physics for the classification of articles. PACS simplifies classification, indexing, and retrieval of articles in on-going areas of interest through standardization of nomenclature.

Each author is requested to select from the PACS appropriate numbers for the classification of his article. (A shortened version of PACS, suitable for this journal, is printed on the next page). Please use this code exactly as shown, and list not more than 3 numbers. Designate one of the 3 numbers as the principal index code by placing it first in your list. The code numbers will be given following the paper's abstract. If you cannot decide on the most appropriate classification of your paper, please refer to the full-length scheme published in the Bulletin of the American Physical Society (II) 20, 1545-1562 (1 December 1975).

Because it is intended to complete this Volume 10 of APPLIED PHYSICS with a cumulative subject index based on PACS, we have classified the papers so far published and will devote a good deal of the August 1976 issue to this cumulative index. In the future, however, it will be the responsibility of each author, as discussed above, to assign the codes to his article.

ERRATUM

AXIAL AND RADIAL ION MOVEMENT IN THE PLASMA OF AN ION LASER

K. Barthel, J. Boscher, J. Salk, G. Schäfer

In Fig.7 the correct values at the abscissa (*axial lineshift*) should be, from top to bottom:

1.5; 1.0; 0.5; -0.5 GHz.