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AID Report 62-19

5 January 1962

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PERSONALITIES AND ORGANIZATIONS ACTIVE IN SOVIET

MASER AND LASER RESEARCH

(Preliminary)

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Aerospace Information Division

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The publication of this report does not constitute approval by any U. S. Government organization of the inferences, findings, and conclusions contained herein. It is published solely for the exchange and stimulation of ideas.

Aerospace Information Division

INTRODUCTION

The present report contains a listing of personalities and organizations engaged in research in the field of quantum radiophysics, and specifically on maser and laser devices. The time span covered by this report is largely that of the period of development of the subject in the USSR, ranging from about 1954 to the present. Entries bearing earlier dates have been included in some cases when their relationship to the main subject of this report was considered close enough.

Each entry in the list consists of the author's name, the name of the organization associated with the author, the title of his work and the bibliographic reference. Co-authors are listed by separate entries. The author's association with an organization is indicated only when the name of the organization appears in the article cited. The names of organizations and periodicals have been abbreviated and their full versions given in separate tables.

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KEY TO ABBREVIATIONS OF PERIODICAL NAMES

1. BI - Byulleten' izobreteniy
2. DAN - Doklady akademii nauk SSSR
3. DANB - Doklady akademii nauk Belaruskay SSR
4. ESV - Elektrosvyaz'
5. FTT - Fizika tverdogo tela
6. IAN-F - Izvestiya akademii nauk SSSR. Seriya fizicheskaya
7. IT - Izmeritel' naya tekhnika
8. IVUZ-RF - Izvestiya vysshikh uchebnykh zavedeniy: Radiofizika
9. OS - Optika i spektroskopiya
10. P - Priroda
11. PTE - Pribory i tekhnika eksperimenta
12. RE - Radiotekhnika i elektronika
13. UFN - Uspekhi fizicheskikh nauk
14. VAN - Vestnik akademii nauk
15. VMU - Vestnik moskovskogo universiteta
16. ZhETF - Zhurnal eksperimental' noy i teoreticheskoy fiziki

KEY TO ABBREVIATIONS OF ORGANIZATIONAL NAMES

1. **FIANS** - Physics Institute im. P. N. Lebedev of the Academy of Sciences of the USSR
2. **FTIANS** - Physico-Technical Institute im. A. F. Ioffe of the Academy of Sciences of the USSR
3. **FTIGGU** - Gor'kiy Physico-Technical Research Institute
4. **FTIKAZFANS** - Physico-Technical Institute of the Kazan' Branch of the Academy of Sciences of the USSR
5. **GOI** - State Optical Institute im. S. I. Vavilov
6. **IFANB** - Physics Institute of Belorussian SSR
7. **IREANUK** - Institute of Radiophysics and Electronics of the Academy of Sciences of the Ukrainian SSR
8. **IRESOANS** - Institute of Radioengineering and Electronics of the Academy of Sciences of the USSR
9. **IYFMGU** - Nuclear Physics Institute of Moscow State University
10. **KAZFANS** - Kazan' Branch of the Academy of Sciences of the USSR
11. **KAZGU** - Kazan' State University im. V. I. Lenin
12. **KPFFMGU** - Semiconductor Chair, Physics Department, Moscow State University
13. **LLGOI** - Luminescence Laboratory of the State Optical Institute
14. **MEI** - Moscow Power Engineering Institute
15. **MFTI** - Moscow Physico-Technical Institute
16. **MGU** - Moscow State University im. M. V. Lomonosov
17. **OYAFMGU** - Moscow State University, Atomic Physics Department
18. **RIGGU** - Radiophysics Research Institute of Gor'kiy State University
19. **SGPI** - Stalingrad Pedagogical Institute
20. **VEI** - All-Union Electro-Technical Institute im. V. I. Lenin

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