

News*USSR STATE PRIZES OF 1970 FOR WORK IN THE FIELD OF PHYSICS*

FOR research in the instability of a high-temperature plasma in a magnetic field and for the development of a method of its stabilization by means of a "magnetic well," a prize was awarded to M. S. Ioffe, Candidate of Physical and Mathematical Sciences, section head at the I. V. Kurchatov Institute of Atomic Energy, and director of the work, to Academician B. B. Kadomtsev, Senior Scientist, to R. I. Sobolev and E. E. Yushmanov, Candidates of Physical and Mathematical Sciences, Junior Scientists, to Yu. T. Baĭborodov, Senior Engineer, to the workers of the same Institute, and to V. G. Tal'kovskii, Candidate of Physical and Mathematical Sciences, department head at the Moscow Engineering Physics Institute.

For a cycle of work on the theory of electronic

Fermi liquids in metals, a premium was awarded to V. P. Silin, Doctor of Physical and Mathematical Sciences, laboratory sector head of the P. N. Lebedev Physics Institute of the USSR Academy of Sciences.

For discovery, research, and introduction of fine-structure electron-vibrational spectroscopy of complex organic molecules (the Shpol'skiĭ effect), a prize was awarded to É. V. Shpol'skiĭ, Doctor of Physical and Mathematical Sciences, department head at the Moscow State Pedagogical Institute.

For the monograph "Methods of Quantum Theory of Magnetism," published in 1965, a prize was awarded to S. V. Tyablikov, Doctor of Physical and Mathematical Sciences.