

Editorial: Reviews dealing with applications of physics

Since 1974 *Reviews of Modern Physics* has been attempting to improve communication among physicists by publishing perspectives and tutorial articles in rapidly developing fields as well as comprehensive scholarly reviews of significant topics in modern physics. (See RMP April, 1974 "Editorial: Some new directions.")

We now feel that there is a need to fill another gap in communication among physicists: that of publishing reviews of applications of physics. Indeed, this is not an entirely new direction for RMP, and expansion of our efforts in this area has already begun. Two supplements, appearing in the summer and winter of 1975, contained APS sponsored reports on physics applications related to the energy crisis: "Report to the APS by the study group on light-water reactor safety" and "Report to the APS by the study group on physics problems relating to energy technologies: Radiation effects on materials."

In expanding our coverage of physics applications, we are especially interested in the modern applications of modern physics, including, *inter alia*, reviews which deal with major societal applications of physics, areas of technological innovations with emphasis on the role of physics and the key problems, as well as topics in applied physics which have no immediate implications for society, but which focus attention on recent discoveries of new principles. Written by physicists for physicists, such reviews should be of interest to a majority of our readership.

We do not foresee a duplication of effort by *Reviews of Modern Physics* with existing journals which now include review articles of practical value to specialists. We anticipate that our review articles on applications of physics will have an educational character, that they will inform the wider physics community and the nonspecialist, and that they will include both perspectives and reviews of frontier areas. As in the case of other contributions, we strongly encourage prospective authors to correspond with the editors in advance of submitting an article.

David Pines, *Editor*

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