

EDITORIAL

I would like to begin my tenure as editor of *Optical Engineering* by praising the important role which the previous editor, Professor Douglas C. Sinclair, has played in the development of the Journal. His editorial policy as described in the January-February issue of 1972 lucidly describes the significant contribution which the *Optical Engineering Journal* can make to the scientific community. It shall be the goal of the present editorial staff to continue to maintain this same policy while at the same time attempting to broaden interest in the Journal, and increasing its usefulness.

Accomplishing these goals will require the cooperation of the membership of the society. You are therefore encouraged to take a more active part by submitting manuscripts for publication, and in encouraging the same action from your colleagues. One device which will be attempted is the inclusion of articles describing optical engineering at major industrial and private institutions. For example, a later issue this year will feature a group of papers dealing with optical engineering at the National Bureau of Standards. We will also feature in future issues groups of papers dealing with common subject matter. We are attempting to assemble a feature dealing with microdensitometric techniques and their applications for a future issue. We would also like to call your attention to the Letters section of the Journal. This section is particularly useful for purposes of publishing short or introductory engineering notes.

We would also like to expand and make more useful the Spie-Glass section of the Journal. For these purposes, we require more and continuing information from the membership and their colleagues concerning products, meetings, personnel changes, and new approaches, courses, or programs in optical engineering education. We would like particularly to call your attention to the Forum section which could become an exchange center for ideas relating to engineering applications and their relationship to other segments of the community.

We would welcome any suggestions you would care to make about any aspect of the Journal.

Finally, a note on the papers in this issue. One of the more interesting and recent developments in Incoherent Holography is its application to medicine. As there are two papers in this issue devoted to this topic, and as it appears to be very promising, we have solicited a review paper by H. J. Caulfield and A. D. Williams entitled, "An Introduction to Holography by Shadow Casting." The fourth paper is also concerned with an application of conventional holography to medicine, and the final paper is a rather interesting application of partially coherent imaging to achieve an adaptive optical frequency response.

John B. De Velis, Editor