


FOREWORD

Through the years, our national scientists and Academicians have engaged very actively in various scientific researches and activities. Some of their works have found way among scientific journals while others have found presentation in associations' or institutions' periodic conferences. Seldom, however, have papers become the subject of discussions among congregated scientists of various ranks and disciplines. This brings into focus the existence of an information gap among these specialized professionals — a gap which for the past three years since its establishment the Academy has sought to reduce by staging annual scientific meetings through which scientists and researchers can exchange valuable knowledge and information on scientific developments in their respective fields.

And because of their values to the scientific community, the Academy for the fourth time decided to publish in its "Transactions" the papers, including the comments of the discussants, presented during its last 4th Annual Scientific Meeting.

We hope readers specially people who are engaged in similar pursuits will find this a valuable reference and will actually find this to be of use in their work.



PAULO C. CAMPOS
President

