

on "Internal Rotation of the Sun" discusses the present state of knowledge on the subject.

M. S. Vardya reviews recent studies on the "Atmospheres of Very Late-Type Stars", especially those of the M, S and C, spectral types; while I. J. Danziger surveys in the chapter, "The Cosmic Abundance of Helium", the observational and theoretical results that may help to elucidate this as yet unsuccessful problem.

The other articles in the volume are: "The Origin of Solar Magnetic Fields", by E. N. Parker; "The Theory of Stellar Winds and Related Flows", by T. E. Holzer and W. I. Axford; "Information-Processing Systems in Radio Astronomy and Astronomy", by B. G. Clark; "Excitation and Ionization by Electron Impact", by Oleg Bely and Henri Van Regemorter.

In the last and perhaps the longest article in this volume, Prof. G. R. Burbidge reviews the observational evidence concerning "The Nuclei of Galaxies". He also discusses in detail the possible origin and evolution of galactic nuclei and the ways in which their activity bears on general galactic evolution and on cosmological problems.

Lastly, a special mention is to be made of the article on "Auroral Physics", by Sir Sydney Chapman, the outstanding geophysicist of the century, whose death took place in June last year. Perhaps this is one of Professor Chapman's last published articles. Auroral physics has been one of the pet subjects of Professor Chapman and in this short but authoritative review article he traces the history of auroral observations, the auroral spectrum, the auroral morphology and the auroral particles.

A. S. G.

### ERRATA

*Curr. Sci.*, Vol. 40, No. 3, Feb. 5, 1971: P. 60, Note on "Neutron Diffraction Study of Triglycine Sulfate", II col., para (i) last sentence should read: .....So the two glycine ions are monoprotonated and the third is a .....*et al.*

P. 66, Note on "A New Laboratory Technique for Preservation of Plant Specimens": Read *Styrofoam* for *Polystyrene* in lines 1 and 3 of para 2, and in line 3 of para 3.

### Books Received

*Mathematics—A Modern Introduction.* By M. L. Keedy and M. L. Bittinger. (Addison-Wesley Pub. Co., Inc., West End House, 11, Hills Place, London W. 1, England), 1970. Pp. 462. Price 85 sh.

*Progress in Analytical Chemistry (Vol. 3): X-Ray and Electron Probe Analysis in Biomedical Research.* Edited by K. M. Earle and A. J. Tousimis. (Plenum Publishing Corporation, 114, Fifth Avenue, New York, N.Y. 10011, U.S.A.), 1970. Pp. ix + 105. Price \$12.50.

*An Introduction to Metabolic Pathways.* By S. Dagley and D. E. Nicholson. (Blackwell Scientific Publications, 5, Alfred Street, Oxford OX1-4, 4 HB, England), 1970. Pp. xi + 343. Price 75 sh.

*Industrial Chemistry (Part II)—Inorganic and Organic.* By R. K. Das. (Asia Publishing House, Calicut Street, Ballard Estate, Bombay-1), 1969. Pp. xiii + 403. Price Rs. 18.

*Introduction to Differential Geometry.* By Abraham Goetz. (Addison-Wesley Pub. Co., West End House, 11, Hills Place, London W. 1, England), 1970. Pp. x + 350. Price 112 sh.

*Algebra and Its Applications—A Problem-Solving Approach.* By C. W. Sloyer. (Addison-Wesley Pub. Co., Inc., West End House, 11, Hills Place, London W. 1, England), 1970. Pp. 189. Price 70 sh.

*Particles Sources and Fields.* By J. Schwinger. (Addison-Wesley Pub. Co., Inc., West End House, 11, Hills Place, London W. 1, England), 1970. Pp. ix + 425. Price 140 sh.

*The NMR of Polymers.* By I. Ya. Slonim and A. N. Lyubimov. (Plenum Publishing Corporation, 227, West 17th Street, New York, N.Y. 10011), 1970. Pp. x + 365. Price \$19.50.

*The Megatectonics of Continents and Oceans.* Edited by Helgi Johnson and Bennett L. Smith. (Rutgers University Press, 30, College Avenue, New Brunswick, N.J. 08903), 1970. Pp. xii + 282. Price \$12.50.

*Molecules and Life—An Introduction to Molecular Biology.* By M. V. Vol'kenshtein. Translated from Russian by S. N. Timasheff. (Plenum Publishing Corporation, 114, Fifth Avenue, New York, N.Y. 10011), 1970. Pp. xiii + 513. Price \$15.00.