

## 外國天文雜誌最近號要目

### “Zeitschrift für Astrophysik”

**8. Band, 4. Heft. (1934 Juli 15.)** *A. Unsöld*, Zur Theorie der Sternatmosphären.—*F. W. Paul Götz*, Über die Deutung des Umkehrreffekts bei Messung des atmosphärischen Ozons.—*Alfred Brill*, Über ein numerische Lösung der Integralgleichung der Stellarstatistik  $a(m) = k \int_0^{\infty} D(r) \cdot r^2 \cdot \varphi(5+m-5 \log r) dr$ .—*Karl Warns*, Beitrag zur Deutung der Vorgänge in Kometen.—*G. M. Micraika*, Untersuchung über das Problem der SS Cygni-Veränderlichen.

### “Astronomical Journal”

**No. 1012. (1934 June 8)** *Frank Schlesinger*, Relative Positions of 124 Stars in the Globular Cluster MESSIER 3.—*Ernest Whitworth*, Summary of the Parallaxes of 46 Stars.—*Paul Rudnick*, The Orbit of the Binary Star 26 Draconis= $\beta$  962=ADS 10660.—*Allan D. Maxwell*, Elements and Ephemeris of Minor Planet 1934 EA.—*Frank E. Seagrave*, Ephemeris for Eros (433).—*J. C. Hammond* and *C. B. Watts*, Observation of the Moon in 1933 at the U. S. Naval Observatory.

**No. 1013, (1934 July 16)** *Dean B. McLaughlin*, Visual Observations of  $\beta$  Lyrae.—*Bernhard H. Dawson*, and *Martin Dartayet*, Occultations Observed in Ia Plata in 1932.—*Walter O'Connell*, Summary of the Parallaxes of 48 Stars.

### “Astrophysical Journal”

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### “Monthly Notices,”

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**Vol. 94, No. 2. (1933 December 8)** *J. Evershed*, On the detection of small Doppler shifts in the spectrum of the reversing layer.—*A. D. Thackeray*, Anomalous multiplet intensities in stellar spectra and sunspots.—*W. M. Smart*, The atmospheric extinction factor in photo-electric photometry.—*J. S. Foster*, Total solar eclipse of 1932 August 31: report of McGill Expedition.—*H. Ding'el*, On isotropic Models of the universe with special reference to the stability of the homogeneous and static states.—*A. G. Walker*, Distance in an expanding universe.—*P. Pedersen*, On the periodic orbits in the neighbourhood of the triangular equilibrium points in the restricted problem of three bodies.—Stellar parallaxes determined photographically at the Cape Observatory (5th list).—*W. J. Luyten*, Faint double stars with common proper motion in the southern sky (2nd list).—*W. J. Luyten*, Proper motions of faint stars in a region centred on  $\alpha$  Bootis.

**Vol. 94, No. 3. (1934 January 12)** *J. H. Reynolds*, The Spatial Distribution of the Extra-galactic Nebulae within a Radius of 4000 Kiloparsecs.—*A. J. Bamford*, The Atmospheric Distortion of Star Observations for Positions and Time.—*W. Milburn*, Observations of a Double Nebula in Cygnus.—*T. E. Espin*, Note on Mr. Milburn's Nebula.—*Bertil Lindblad*, On the Evolution of a Rotating System of Material Particles, with Applications to Saturn's Rings, the Planetary System and the Galaxy.—*A. Stanley Williams*, On Periodic or Secular Changes of Velocity on Jupiter. II The Great Equatorial Current.—*P. M. Ryves*, Observations of SS Aurigae (060547).—*W. Milburn*, Micrometrical Measures of Double Stars.

**Vol. 94, No. 4. (1934 February 9)** Report of the Annual General Meeting.—Fellows elected. Candidates proposed.—REPORT OF THE COUNCIL TO THE HUNDRED AND FOURTEENTH ANNUAL GENERAL MEETING OF THE SOCIETY.—OBITUARY.—PROCEEDINGS OF OBSERVATORIES.—NOTE ON SOME POINTS CONNECTED WITH THE RECENT PROGRESS OF ASTRONOMY.—List of Public Institutions and of Persons who have contributed to the Library, etc., since the last Anniversary.—Address delivered by the President, Professor Stratton, on International Co-operation in Astronomy.—Election of Officers and Council.

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