

M. ŠIDLICHOVSKÝ: 'Remark on Magnetographic Measurements', *Bull. Astron. Instr. Czech.* **24** (1973) 105.

A plan-parallel plate for measuring the velocity of plasma in line-forming space is usually used in a magnetograph. The error in magnetographic measurements, caused by the additional polarisation of light on this plate, is theoretically investigated. It is shown that this error is usually unimportant as it begins to be significant for declinations of about 50° . (Author's abstract.)

FRANCISO P. J. VALERO and DAVID GOORVITCH: 'The Spectra of Highly Ionized Aluminum (Al VI-X) in the Extreme-Ultraviolet and Soft X-Ray Regions', *Astrophys. J.* **178** (1972) 271.

Spectral lines corresponding to transitions in the five-to-nine-times-ionized Al atom are measured and classified in the spectral range from 48 to 340 Å. The spectra were photographed by using a laser-produced plasma as a light source and a 3-m grazing-incidence spectrograph. Different techniques employed to separate stages of ionization are discussed. (Authors' abstract.)

S. J. WOLNIK and R. O. BERTHEL: 'Shock-Tube Measurements of Absolute *gf*-Values for Ti I and Ti II', *Astrophys. J.* **179** (1973) 665.

Absolute *gf*-values for 97 Ti I and 30 Ti II lines have been determined by shock-tube emission spectroscopy. Comparisons are made with other experimental results. Implications concerning the titanium abundance in the solar photosphere are discussed. (Authors' abstract.)

J. P. PICAT, B. FORT, M. DANTEL, and J. L. LEROY: 'Photometric Analysis of Monochromatic Photographs of the Solar Corona Taken in the Green Line (5303) and the Red Line (6374)', *Astron. Astrophys.* **24** (1973) 259.

Monochromatic photographs of the solar corona taken in the green and in the red line (5303 and 6374 Å) with a spatial resolution of $8''$ are studied. The photometric analysis is made; the morphology of the structures is described.

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ERRATUM

Re 'Theoretical Intensity Ratios for Some Fe XIII Coronal Lines', G. D. Finn and D. A. Landman: *Solar Phys.* **30** (1973), 381.

The Proton excitation cross sections used in this work were those reported in 'Proton Collisional Excitation in the Ground Configuration of Fe⁺¹²: II', D. A. Landman: *Solar Phys.* **30** (1973), 371 and not the more approximate ones referred to in the text.