Plate 3. The 'Diamond Ring' effect. 4.11 C.S.T. Exposure was ½ second. Third contact just caught the end of this exposure.

The equipment used consisted of a Celestron 8 Schmidt-Cassegrain telescope provided with a telecompressor giving a focal length of 1000 mm (f/5) and a photographic field view of approximately 2° × 1¼°. The film was Ilford Pan F developed in microphen to a speed of 80 A.S.A. The sky was heavily overcast for the initial partial phase, clearing at totality and reverting to overcast shortly afterwards.

Other Papers

The following papers were delivered at the Eleventh Annual General Meeting but have not been submitted for publication in these Proceedings:

Invited Papers

Is star formation bimodal? O. J. Eggen
QSO pairs and related topics J. G. Bolton

Contributions

An analysis of the non-thermal galactic background radiation Hilary Cane
X-ray emission from Seyfert galaxies M. V. Penston
Interstellar bubbles Martha N. Cleary
Jupiter's S-bursts P. S. Whitham
Electronographic stellar photometry A. J. Penny
Millimetre wave solar brightness J. W. Archer and N. R. Labrum
distribution derived from observations of the total eclipse of 1976 October 23
High resolution observations of M17 and NGC2024 at 1415 MHz W. Lobert

The height variation of the rms velocity distribution in the solar photosphere S. L. Keil
Some new observations with the Fleurs synthesis telescope W. N. Christiansen
An Unusual Cassegrain antenna for the Australian Synthesis Telescope J. G. Ables
The polarization of Type III bursts and its relation to the magnetic field. S. Suzuki

Notice to Authors

Two categories of papers presented at meetings are published: Invited Papers dealing with original work or review material; and Contributions describing original work. Papers are subject to the refereeing procedure set down in the Constitution. Papers should be full length and not just abstracts. Invited papers should preferably occupy 2 to 4 pages of the Proceedings and contributions about 1 page. (One page without figures contains about 1000 words). Line drawings will be printed in the text. Occasional half-tone photographs of special significance and good quality will be printed.

Figures should be prepared for direct reproduction and contain all lettering. Authors are particularly asked to submit line drawings in the form of glossy photographic prints of exactly the size at which they are to be reproduced. Whenever possible they should fit within a column width of 8 cm overall (including co-ordinate labels), but when two-column figures are necessary these should preferably be a horizontal strip not wider than 17 cm. The size of the smallest lettering should be 1.5 mm. Lettering must be 'professional'. Units used in figures should be abbreviated according to the style given below and co-ordinate labels should be in lower case with initial capitals, e.g.: — Radial Velocity (km s⁻¹).

Captions to the figures should be typed, in the style of the Proceedings, on a separate sheet.

Original typescript, not photocopies of any form, should be submitted. The pages should not be stapled together. One copy only is required.

Typing should be in double (for pica type) or triple (elite) spacing on International A4 size paper. Underline for italics and bold.

Titles, authors and addresses should be given as in issues of the Proceedings. Headings through the text should be kept to a minimum and their order of importance indicated.

References should be given in the text e.g. ‘... Recently Komesaroff and McCulloch (1975a) have shown ...’ and listed at the end of the paper in alphabetical order and abbreviated in accordance with the common system of the Revised British Standard BS 4148: 1969 and the Revised U.S.