

Astronomy with the Fleurs six-dish array	Michael J. Batty, John D. Bunton, David R. Brown, Julian B. Corbin and Graeme L. White	346
An 'X-banded' Tidbinbilla interferometer	Michael J. Batty, R. G. Gardyne, G. J. Gay, S. Gulkis, David L. Jauncey, A. Kirk and W. L. Peters	351
<i>History of Australian Astronomy</i>		
John Tebbutt's observations of Halley's Comet in 1910	S. Röser and Graeme L. White	354
<i>Other Submission</i>		
<i>Galactic Halo</i>		
Neutral hydrogen in the galactic halo	R. X. McGee and Lynette M. Newton	358
<i>Book Reviews</i>		
Standard Handbook for Telescope Making	L. R. Allen	385
Superforce—search for a GUT of nature	R. J-M. Grognard	385
Supernovae	J. L. Caswell	386
Cambridge Astronomy Guide	R. P. Norris	387
Astrophotography for the amateur	G. L. White	387
The Crab Nebula and related supernova remnants	J. A. Roberts	388
Spherical astronomy	W. J. Tango	389
<i>Notice to Authors</i>		391

Cover

White Cliffs solar power station used for gamma-ray astronomy
by University of Adelaide.

Astronomical Society of Australia

Proceedings

Volume 6 Number 3 1986

Invited Papers	Gamma-ray astronomy at the highest energies The Australia Telescope Project: Going along nicely thank you!	R. J. Protheroe J. B. Whiteoak	280 290
Contributions			
	<i>Comets</i>		
	The Giotto radio science experiment at Parkes Observations of 18 cm OH emission and absorption from Halley's Comet	P. J. Hall R. A. Duncan, R. P. Norris J. R. Forster, R. T. Stewart and D. McConnell	298 301
	<i>Meteors</i>		
	Frequency dependence of radar meteor echo rates	R. M. Thomas, P. S. Whitham, and W. G. Elford	303
	<i>Stars</i>		
	Simultaneous infrared & optical photometry of the eclipsing dwarf V2051 Ophiuchi Fast H α variations in a rapidly rotating spotted star	D. J. Watts and R. D. Watson R. D. Robinson and A. Collier-Cameron O. B. Slee, G. J. Nelson, J. L. Innes, R. T. Stewart, A. E. Vaughan and A. E. Wright	306 308 312
	The active radio star HD36705	John D. Bunton, R. T. Stewart, O. B. Slee, G. J. Nelson, Alan E. Wright, Julian B. Corbin, David R. Brown and P. J. Hall	316
	Radio emission from starspots on RSCVn binary HR1099	A. E. Vaughan and M. I. Large	319
	A search for 843Mhz radio emission from active stars		
	<i>Theoretical</i>		
	A non-linear bifurcation in cellular convection theory	N. Yannios, J. M. Lopez and J. O. Murphy	322
	<i>Radio astronomy extragalactic</i>		
	Radio Continuum emission from Sculptor galaxies 1452-517: a giant radio galaxy at low galactic latitude	J. I. Harnett P. A. Jones	325 329
	<i>Radio astronomy low frequency</i>		
	Radio astronomy through an artificial ionospheric window— Spacelab 2 observations Observations of 1.91 Mhz echoes from the magnetic conjugate point after propagation through a magneto-ionic duct	G. R. A. Ellis, A. Klekociuk, G. T. Goldstone and M. Medillo G. T. Goldstone and G. R. A. Ellis	331 333
	<i>Gamma-ray astronomy</i>		
	Development of the Buckland Park cosmic ray air shower array for ultra high energy gamma-ray astronomy Very high energy gamma-ray astronomy at White Cliffs solar power station	D. Ciampa, R. W. Clay, C. L. Corain, P. G. Edwards and J. R. Patterson R. W. Clay, S. D. Elton, A. G. Gregory, J. R. Patterson and R. J. Protheroe	335 338
	<i>Instrumental</i>		
	Astronomical Co-ordinates at the Parkes radio-telescope	D. McConnell	343