

during repair. Beyond this, detailed circuit diagrams are provided to help the customer with electronics experience to service his own instrument. The instruments in service have so far developed very few faults.

The instrument requires about 6 foot of bench space, although 8 foot makes it easier to get to the back of the spectrometer to reach the plugs and the scan speed control.

At present the instrument comes in one of two basic packages covering either 5.5 to 55 MHz or 8.9 to 90 MHz. Low frequency (1 to 10 MHz) and high frequency (90 to 350 MHz) attachments are being developed and should be available now.

The Decca instrument does an excellent job within the limitations outlined above as inherent in NQR spectroscopy. As mentioned above it is not yet possible to predict the intensities of NQR signals and accordingly the customer would be wise to submit representative samples to Decca who will record their spectra for evaluation. If suitable signals are obtained I can strongly recommend the purchase of this instrument.

F. R. HARTLEY

- ¹ Bronswijk, W. van, *Struct. Bond.*, 7, 87 (1970).
- ² Lucken, E. A. C., *Nuclear Quadrupole Coupling Constants* (Academic Press, London and New York, 1969).
- ³ Smith, J. A. S., *J. chem. Educ.*, 48, A77 (1971).
- ⁴ Smith, J. A. S., *J. chem. Educ.*, 48, A147 (1971).
- ⁵ Brame, E. G., *Analyt. Chem.*, 39, 918 (1967).
- ⁶ Fitzky, H. G., *International Symposium on NQR Spectroscopy*, paper 12 (London, September 1972).
- ⁷ Smith, J. A. S., *J. chem. Educ.*, 48, 39 (1971).
- ⁸ Fryer, C. W., and Smith, J. A. S., *J. chem. Soc.*, A, 1029 (1970).

Announcements

University News

Professor Jasper P. Brener, University of Tennessee, has been appointed to the second Chair of Psychology at the University of Hull.

Appointments

His Grace the Duke of Northumberland, KG, TD, FRS, has been appointed Chairman of the Medical Research Council from October 1973.

The following scientific appointments to the Medical Research Council have been made: Professor A. C. Dornhorst, MD, FRCP; Dr Helen Muir, MA, DPhil. Lord Halsbury, FRS, has been appointed as a lay member of the Council.

Errata

In the article "Unique Amyloid Protein Subunit common to Different Types of Amyloid Fibril" by G. Husby, J. B. Natvig, T. E. Michaelsen, K. Sletten and H. Høst (*Nature*, 244, 362; 1973), paragraph 1, lines 7 and 8, should read "... a molecular weight of 8,500, named by us protein AS (amyloid subunit) ..." instead of "... a molecular weight of 85,000, named by us ..."

In the article "Transformation of Mammalian Cells *in vitro* by Low Doses of X Rays" by C. Borek and E. J. Hall (*Nature*, 243, 450; 1973) the legend to Table 1 should read

$$**\text{Plating efficiency (P.E.)} = \frac{\text{Number of clones counted}}{\text{Number of cells plated}} \times 100$$

$$\dagger\text{Surviving fraction (S.F.)} = \frac{\text{Number of clones counted}}{\text{Number of cells plated} \times \text{P.E.}}$$

DUE to a printers' error the title of the article by M. G. R. Varma *et al.* (*Nature*, 244, 452; 1973) was incorrect and should read "Zirqa Virus, a New Arbovirus Isolated from Bird-infesting Ticks".

Corrigendum

In the article "Potent Pyrethroid Insecticides from Modified Cyclopropane Acids" by M. Elliott *et al.* (*Nature*, 244, 456; 1973) two references should be added:

- ¹⁴ Crombie, L., Doherty, C. E., and Pattenden, G., *J. chem. Soc., C*, 1077 (1970).
- ¹⁵ Brit. Pat. 1,270,270 (to Roussel-Uclaf, S. A.).

and so refs 10 and 11 on Fig. 2 should be changed to 14 and 15 respectively.

Reports and Publications

not included in the Monthly Books Supplement

Great Britain and Ireland

- University of London. Careers Advisory Board—63rd Annual Report. Pp. 34. (London: The University of London, 1973.) [215]
- Flora of Tropical East Africa. Edited by B. M. Polhill. Combrataceae. By G. E. Wickens. Pp. 100. (London: Crown Agents for Oversea Governments and Administrations, 1973.) 87p. [215]
- Structures of Nimonic Alloys. Pp. 28. Wiggins Nickel Alloys for Electronics and Instrumentation. Pp. 14. (Hereford: Henry Wiggin and Co., Ltd., 1973.) [215]
- Building Research Establishment Digest. No. 70: Painting: Iron and Steel. Pp. 8. 5p. No. 83: Plumbing with Stainless Steel. Pp. 4. 5p. No. 153: Motorway Noise and Dwellings. Pp. 8. 5p. (London: HMSO, 1973.) [215]
- Pharmaceutical Industry Press Directory 1973. Pp. 24. (London: The Association of the British Pharmaceutical Industry, 1973.) [215]
- Philosophical Transactions of the Royal Society of London. A: Mathematical and Physical Sciences. Vol. 274, No. 1239: A Discussion on the Measurement and Interpretation of Changes of Strain in the Earth. Organized by Alan H. Cook, R. V. Jones, R. G. Bilham and G. C. P. King. Pp. 181-433+plate 4. £8.75; \$24.50. Vol. 174, No. 1240: Self-similar Problems in Elastodynamics. By J. R. Willis. Pp. 435-491. £2.05; \$5.75. (London: The Royal Society, 1973.) [215]

- The Scientific Proceedings of the Royal Dublin Society. Series A. Vol. 4, No. 26: Dweylite from Inishrone, Co. Sligo. By R. Nawaz. Pp. 371-372. 20p. Vol. 4, No. 27: Sedimentary Features of the Bray Group, Bray Head, Co. Wicklow. By J. C. Brindley, S. Millan and E. J. Schiener. Pp. 373-390. 50p. Vol. 4, No. 28: Structure of the Lower Palaeozoic Greywacke Formations West of the Leinster Granite in Counties Kildare and West Wicklow. By P. M. Bruck. Pp. 391-410+plate 15. 50p. Vol. 4, No. 29: History of Zircon Growth from Minor Acid Intrusions in South-East Ireland. By J. C. Brindley and L. N. Gupta. Pp. 411-430. Vol. 4, No. 30: The Lower Palaeozoic Volcanic Rocks of South-East Leinster, Ireland. By James C. Brindley, P. McArdle and E. J. Schiener. Pp. 431-438. 45p. Series B. Vol. 3, No. 12: Some Interesting Fish Recorded from Galway Bay and Adjacent Areas during 1970 and 1971. By James Dunne. Pp. 159-163. 30p. (Dublin: The Royal Dublin Society, 1973.) [215]
- Department of the Environment. First Report of the Standing Committee on Research into Refuse Collection, Storage and Disposal. Pp. iv+20. (London: HMSO, 1973.) 21p net. [225]
- Science Research Council. Artificial Intelligence: a Paper Symposium. Pp. iv+45. (London: Science Research Council, State House, High Holborn, 1973.) *Gratis.* [225]
- Bulletin of the British Museum (Natural History). Geology. Vol. 21, No. 6: Mid-Tertiary Cytherettinae of North-West Europe. By Michael Charles Keen. Pp. 259-349+23 plates. (London: British Museum (Natural History), 1972.) £4.60. [225]
- Department of Employment. The Quota Scheme for Disabled People: Consultative Document. Pp. 39. (London: Department of Employment, 1973.) *Gratis.* [255]
- Fish Farming International, No. 1, 1973. Pp. 152. (West Byfleet, Surrey: Fishing News (Books), 1973.) £3. [295]
- A Directory of Seed Research in Britain. Compiled by T. W. Hegarty. Pp. 44. (Invergowrie, Dundee: Scottish Horticultural Research Institute, 1973.) [295]
- An Amateur's Guide to the Study of the Genitalia of Lepidoptera. (AES Leaflet No. 34.) Pp. 16. (Streatham, London: Amateur Entomologists' Society, 137 Gleneldon Road, 1973.) [295]
- Studies in Rural Land Use. Report No. 11: Second Homes in England and Wales. (A Study of the Distribution and Use of Rural Properties Taken Over as Second Residences.) By C. L. Bielick, A. W. Rogers and G. P. Wiberley. Pp. xiii+172. (Wye, Ashford, Kent: School of Rural Economics and Related Studies, Wye College, 1972.) £1.25. [295]
- Recreation Traffic in National Parks: Beyond the Car. (A Cambridge University Conservation Society Report.) Pp. 29. (Cambridge: Eco-Publications, 6 Cavendish Avenue, 1973.) 30p including postage. [295]
- Physical Aspects of the Effects of Nuclear Reactors in Working and Public Environments. By Roger H. Clarke. (Ph.D. Thesis.) Pp. viii+273. (Berkeley, Gloucestershire: Librarian, Central Electricity Generating Board, Berkeley Nuclear Laboratories, 1973.) *Gratis.* [295]
- Care with Dignity: An Analysis of Costs of Care for the Disabled—Report by the Economist Intelligence Unit. (Action Research for the Crippled Child Monograph.) Pp. 180. (Horsham, Sussex: National Fund for Research into Crippling Diseases, 1 Springfield Road, 1973.) £3. [305]
- Department of Trade and Industry: Warren Spring Laboratory. National Survey of Air Pollution, 1961-71. Vol. 3: East Anglia Region; East Midlands Region; West Midlands Region. Pp. viii+168. (London: HMSO, 1973.) £3.50 net. [305]
- Ordnance Survey. The Three Peaks: Wharfedale, Ingleborough, Pen-y-ghent. (1:25000 Outdoor Leisure Map.) (Southampton: Ordnance Survey, 1973.) 95p. [315]
- Skin Disorders. Pp. 32. (London: Office of Health Economics, 1973.) 25p. [315]
- The Queen's University of Belfast. Vice-Chancellor's Report, 1971/1972. Pp. 111. (Belfast: The Queen's University of Belfast, 1973.) [315]
- British Antarctic Survey. Scientific Reports, No. 76: The Geology of the Falkland Islands. By Mary E. Greenway. Pp. 42+8 plates. (London: British Antarctic Survey, 1972.) £3.80 net. [16]
- Proceedings of the University of Newcastle upon Tyne Philosophical Society. Vol. 2, No. 2: The Development of Qualitative Analysis 1750-1850. Part 3: The Use of the Blowpipe. By W. A. Campbell. Pp. 17-24. Vol. 2, Nos. 3 and 4: The Permanent Zooplankton of Northumberland Coastal Waters. By Frank Evans. Pp. 25-68. (Newcastle upon Tyne: University of Newcastle upon Tyne Philosophical Society, 1971-73.) [16]
- Man and His Environment. By Professor Harry G. Johnson. Pp. 33. (London: British-North American Research Association, 12 Upper Belgrave Street, 1973.) 40p. [16]
- List of University Institutions in the Commonwealth. Seventeenth edition. Pp. 28. (London: The Association of Commonwealth Universities, 1973.) [46]
- Science, Medicine and Man, Vol. 1, No. 1, April 1973. Editor-in-Chief: Peter J. M. McEwan. Pp. 1-92. Annual subscription rates: for libraries, university departments, government laboratories, industrial and other multiple-reader institutions, £12 (\$30). Published quarterly. (Oxford and New York: Pergamon Press, 1973.) [46]
- Department of Trade and Industry. Handbook of Remote Sensing Techniques. Pp. 419. (Orpington, Kent: The Technology Reports Centre, 1973.) £5. [46]
- Fabian Research Series, No. 310: Fair Wages and Public Sector Contracts. By Jim Skinner. Pp. 20. (London: Fabian Society, 1973.) 20p. [56]