Information for Contributors

- 1. Manuscripts must be written in English. All manuscripts will be referred to acknowledged experts in the subject. Only those receiving favourable recommendations from the referees will be accepted for publication. Manuscripts may be sent to any Board member, any Associate Editor or the Editor.
- 2. The typescript should be double spaced, on one side of good grade paper, allowing a reasonable left-hand margin. An original and two copies should be submitted with the author's full postal address, position and affiliations.
- 3. The title and section headings should highlight the significant points. A short abstract should precede the main text.
- 4. One copy of photographs, prints or transparencies of good quality and unmarked should be submitted. Where lines or lettering are to appear on the photograph, an additional print should be supplied appropriately marked. Each should have, lightly written on the back, the author's name, the figure number and an indication of which is the top of the picture.
- 5. One copy of each line diagram should be submitted at approximately twice final size and unlettered. Diagrams must be drawn in indian ink on plain white or transparent paper. A second copy should be supplied with lettering included. The author's name and the figure number should be written on this copy.
- 6. Tables should be typewritten on separate sheets. Avoid, where possible, very wide tables.
- 7. References and footnotes should be cited according to the Harvard (Author/date system), also known as the "British form". In the text, author and year are cited in brackets e.g. "... was found by McCarthy (1980; 1980a) ..." or "(Emmett et al. 1972)". Full references are listed in alphabetic order at the end of the paper. References are not numbered. An example of a reference list is:

DEUTSCH, C. & KLARSFELD, S. 1973 Phys. Rev. A7, 2081.

NICHOLSON, D. R. 1983 Plasma Theory, (John Wiley, New York).

OOMURA, H. et al. 1982 Res. Rep ILE, ILE-8207p.

OOMURA, H. et al. 1982a Trans. ANS, 43, 617.

Note that the year of publication appears after the author's name. If possible, all authors names should be listed in preference to "et al." If one author or team is referred to more than once in any year, the letters a, b, etc should be added after the year to distinguish the individual references.

8. Correction to proofs should be restricted to printers' errors only. Authors are entitled to 25 offprints of their article free of charge. Additional offprints may be purchased if they are ordered on the form sent with the proofs.

Cambridge University Press, The Pitt Building, Trumpington Street, Cambridge CB2 1RP 32 East 57th Street, New York, NY 10022, USA 10 Stamford Road, Oakleigh, Melbourne 3166, Australia

Printed in Northern Ireland by The Universities Press (Belfast) Ltd, Belfast BT6 9HF

USER AND PARTICLE BEAMS

Volume 5 Part 3 August 1987

Prefect 413

Klyoshi Yatoui, Yutaka Shimotori, Mitsugn Ikeda, Aldn Takahashi, Tsutomu Tanabe, Keigo Aga, Akifumi Kanai, Yuhzo Araki, Kateumi Maragata, Shigeo Kawata and Minora Murayama: Recent progress of studies on intense particle beam at Nagaoka—ETIGO Project 415

- J. P. Vandevender, S. A. Slutz, D- B. Seidel, R. S. Coats, P. A. Miller, C. W. Mendel, Jr., and J. P. Quintenz: PBFA II ion diode theory and implications 439
- H. J. Doucet,). M. Buzzi, M. Gazaix, W. D. Jones, H. Lamain, 5. Moustaisis and C. Rouille: Basic plasma physics research in pulsed-power technology at Ecole Polytechnique 451
- T. J. Fessenden, C. M. Celata, A. Fattens, T. Henderson, D. L.)udd, D. Keefe, L. J. Laslett, J. Meneghetti, C. Pike and D. Vanecelc Preliminary design of * --10 MV ion accelerator for HIF research 457

Akin Kitamura, Sunao Maebara and Syukuro Yano: Deflection of pulsed ion beams by toroidal magnetic fields 465

Y. Matsukawa: Power concentration of ion beam from high brightness part of PED 473

Takayuki Aoki and Keishiro Niu: Current neutralization of ion beam rotating and propagating in plasma 481

H. Akiyama, K. Fujita and 5. Maeda: Pulsed power generation from inductive energy storage system 487

Kiichiro Kamata, Kiyoshi Yatsui, Masayoshi Kanno, Naoyoshi Aizawa and Minoru Moriyama: Damage structures in $SijN_4$ - SiC films and stainless steel irradiated by intense pulsed light-ion beam 495

- S. Humphries, Jr. and C Burkhart Pulsed ion sources for accelerator inertiaJ fusion 505
- D. C Wilson, D. Dudziak, G. Magelssen, D. Zuckerman and D. Driemeyer: Directions for reactor target design based on the U.S. Heavy Ion Fusion Systems Assessment 517

Shosuke Karashima and Tsutomu Wafauube: Stopping power for energetic heavy ions in a high temperature material 525

- B. V. Weber, J. R. Boiler, D. G. Colombant, R. J. Commisso, G. Coopentein, J. M. Growmann, D. D. Hinshelwood, R. A. Meget, D. Mosher, J. M. Neri, W. F. Oliphant, P. F. Ottinger, V. E. Sdierrer, S. J. Stephanakis and F. C. Young: Plasma erosion opening switch research for ICF 537
- J. Pace Vandevender: Summary (I). Experiments 549

Keishiro Niu: Summary (II). Theories and simultafa'ons 551

Book reviews 553

© Cambridge University Press 1987

Printed in Northern Ireland by The Universities Press (Belfast) Ltd. Belfast BT6 9HF