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JOURNAL POLICY

Manuscripts must be submitted in English. Papers are submitted on the understanding that the subject matter has not been previously published and is not being submitted to another Journal or to another editor of *Solid State Communications*. Authors *must* include a statement to this effect with their submission. Authors must accept full responsibility for the factual accuracy of the data presented and should obtain any authorisation necessary for publication. All papers are sent to referees who advise the Editor on the matter of acceptance in accordance with the high standards required. Referees' names are not disclosed, but their views are forwarded to the authors for consideration. Authors can provide names of suitable referees during the process of uploading their compuscript.

COMPUSCRIPT PREPARATION

Instructions for compuscript preparation are given at the following website: <http://authors.elsevier.com/journal/ssc> (see: "Submit on line to this journal").

General requirements

Communications should not exceed 6 journal pages in length. However, upon approval of the (associate) Editor-in-Chief, longer papers will sometimes be accepted as *Research Papers*; please see the first issue of each volume or <http://www.elsevier.com/locate/ssc> (see: "Research Papers") for further details. The corresponding author's full e-mail address and fax number are required. The compuscript will be used to generate a PDF file and should be compiled in the normal order.

Title

The title should be brief, specific and rich in informative words; it should not contain any literature references.

Authors and affiliations

Please supply given names, middle initials and family names for complete identification. Use superscript lowercase letters to indicate different addresses, which should be as detailed as possible, and must include the country name. The corresponding author should be indicated with an asterisk, and contact details (fax, e-mail) should be placed in a footnote. There should be only one corresponding author. Information relating to other authors (e.g. present addresses) should be placed in footnotes indicated by appropriate symbols.

Abstract

Communications and *Research Papers* must include a short abstract that states briefly the purpose of the research, the principal results and major conclusions.

Text

Text should be subdivided in the simplest possible way consistent with clarity. Headings should reflect the relative importance of the sections. Ensure that all tables, figures and schemes are placed and cited in the text in numerical order. Abbreviations should be used consistently throughout the text, and all non-standard abbreviations should be defined on first usage. Owing to the international character of the Journal, no rigid rules concerning notation and spelling will be applied, but each paper should be consistent within itself as to symbols and units.

References

References are indicated in the text by Arabic numbers, and the full reference should be given in a list at the end of the paper in the following form: W.A. Harrison, *Phys. Rev.* 123 (1961) 85 (for a journal reference); M.A. Lambert, A. Rose, R.W. Smith, *Advances in Semiconductor Science*, Pergamon, London, 1959, p. 49 (for a book reference). Abbreviations of journal titles should follow those given for Physical Abstracts. It is particularly requested that the authors' initials and appropriate volume and page numbers should be given in every case.

Tables and figures

Tables and figures should be so constructed as to be intelligible without reference to the text. Units of measure must also be clearly indicated. The same data should not be published in both tables and figures. All tables should be cited in the text, and numbered in order of appearance with Arabic numerals. All table columns should have a brief explanatory heading and, where appropriate, units of measurement. Vertical lines should not be used. Footnotes to tables should be typed below the table, each on a separate line, and should be referred to by superscript letters.

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Photographs should be scanned and saved as EPS or TIFF format, and saved in true colour at at least 300 dpi resolution.

PACS codes/Keywords

Please supply one or more PACS-1998 classification codes (available from www.aip.org/pacs/pacs98/pacscheme.html or <http://authors.elsevier.com/journal/ssc> (see: "Phys. Astron. Classif. Scheme (PACS)")) and up to 4 keywords for indexing purposes. Please note that a delay in supplying PACS codes or keywords may delay the publication of your paper. The keywords should ideally be selected from the keyword list provided in each issue and on the website of the journal. Each keyword should be accompanied by the capital letter denoting the category from which the keyword has been selected, e.g. a manuscript on tunnelling in quantum wells may have the following list of keywords: Keywords: A. Quantum wells; A. Semiconductors; D. Tunnelling. **If the keywords from the list are not relevant, authors may choose their own keywords, but each of these should also be accompanied by the capital letter denoting the category into which it falls.**

Formats

We can accept most word-processing formats (but prefer Microsoft Word 97 for Windows: Word98 Macintosh files should be saved as Word97 Windows). Most formatting codes will be removed or replaced on processing your article so there is no need for you to use excessive layout styling. In addition, do not use options such as automatic word breaking, justified layout, double columns, automatic paragraph numbering (especially for numbered references) or EndNote. However, do use bold face, italic, subscripts, superscripts, etc.

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Keywords for *Solid State Communications*

Authors should select a maximum of four keywords. The keywords supplied in this list are **OPTIONAL** and are intended as a guide for authors. Regardless of whether the keywords are chosen from this list or not, authors are requested to accompany each keyword with the capital letter denoting the category from which the keyword has been selected.

A. Type of Materials

disordered systems
ferroelectrics
fullerenes
heterojunctions
high- T_c superconductors
insulators
liquid crystals
magnetic films and multilayers
magnetically ordered materials
metal alloys
metals
nanostructures
organic crystals
polymers, elastomers, and plastics
quantum wells
quasicrystals
semiconductors
spin glasses
superconductors
surfaces and interfaces
thin films

B. Preparation and Processing

chemical synthesis
crystal growth
epitaxy
laser processing
nanofabrications

C. Structure and Characterization

crystal structure and symmetry
dislocations and disclinations
EXAFS, NEXAFS, SEXAFS
grain boundaries
impurities in semiconductors
point defects
scanning and transmission electron microscopy
scanning tunnelling microscopy
surface electron diffraction (LEED, RHEED)
X-ray scattering

D. Phenomena and Properties

acoustic properties
anharmonicity
crystal and ligand fields
crystal binding and equation of state
cyclotron resonance
dielectric response
elasticity
electron–electron interactions
electron–phonon interactions
electronic band structure
electronic states (localized)
electronic transport
exchange and superexchange
fractional quantum Hall effect
flux pinning and creep
galvanomagnetic effects
heat capacity
heat conduction
heavy fermions
Kondo effects
mechanical properties
melting
noise
optical properties
order–disorder effects
phase transitions
phonons
photoconductivity and photovoltaics
piezoelectricity, electrostriction
quantum Hall effect
quantum localization
radiation effects
recombination and trapping
spin dynamics
spin–orbit effects
thermal expansion
thermodynamic properties
tunnelling
valence fluctuations

E. Experimental Methods

atom, molecule, and ion impact
elastic light scattering
electron emission spectroscopies
electron energy loss spectroscopy
electron paramagnetic resonance
helium surface scattering
inelastic light scattering
light absorption and reflection
luminescence
Mössbauer spectroscopy

muon spectroscopies
neutron scattering
nonlinear optics
nuclear resonances
photoelectron spectroscopies
positron spectroscopies
strain, high pressure
synchrotron radiation
time-resolved optical spectroscopies
X-ray and γ -ray spectroscopies
ultrasonics

UNCORRECTED PROOF