BIBLIOGRAPHIC DESCRIPTION

INIS Training Seminar

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How INIS operates
Decentralized Method

- Collection and preparation of data
  - National INIS Centres
- Database creation
  - INIS Secretariat

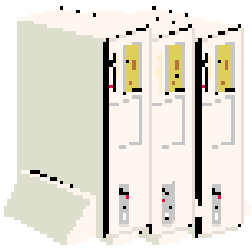
Overview of INIS Operation

Decentralized
INIS Members

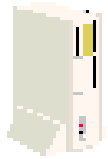
Centralized
INIS Secretariat in Vienna

Decentralized
Dissemination & Utilization
in INIS Member States

Articles
Reports
Books
Patents
.
etc.



INIS Atomindex files on
CD-ROM/FTP Server



Input
preparation

Input
control

Computer
processing

INIS database on the Internet

CD-ROM

E.Mail

FTP

INIS database on CD-ROM

NCL
production

Full Text of NCL on
CD-ROM/ microfiche

One Week Processing Cycle

- **Correct records successfully pass through checking programs**
- **Create new update of the INIS Database**

Pending Records

- Bibliographic errors
- Indexing errors
- Missing and/or incomplete data
- Processing delays

- **INIS staff contacts National INIS Centre for**
  - clarification
  - correction
  - completion

Conventional Literature (CL)

- Literature that is commercially available through regular distribution channels, such as:

  - bookstores

  - subscriptions to magazines and journals

  - distributers and publishing houses

Non-Conventional Literature (NCL)

- Literature that is **not** available through regular commercial channels, also known as *'grey **literature**'.*

  Characteristics:

  - difficult to locate
  - available only from issuing organizations
  - mixed formats (paper and electronic)

Non-Conventional Literature (NCL) (cont.)

- Examples
  - *scientific and technical reports*
  - *conference proceedings, including abstracts*
  - *conference programs*
  - *theses and dissertations*
  - *technical brochures*

Lead Record

- **A publication can contain**
  - Several individual articles
  - Articles written by different authors
  - Articles on different subjects
- Prepare records for
  - Monograph record (M level, Lead record)
  - Individual articles

Lead Record (cont.)

- Include
  - the descriptor LEADING ABSTRACT in Tag 800 of the Lead Record
- Relate
  - individual records with Lead Record in Tag 007
- **Examples**
  - Tag 001 CN0900012
  - Tag 007 CN0900001

Lead Record (cont.)

- **Important**
  - not to prepare a Lead Record for journal articles
  - following fields are *specific to each analytic* record that is being described:
    - **subject category code**
    - **author(s)**
    - **title, size, date of article, conference information, etc.**
    - **descriptors**
    - **abstract**

Tag 001
Temporary Record Number (TRN)

- Unique number assigned to the record by the National Input Center
- TRN is changed to a permanent Reference Number (RN) after INIS processing

Tag 001
Temporary Record Number (TRN) (cont.)

- **9 characters**
  - first 2 characters - ISO code of the country
  - following 2 characters - calendar year during which the record was generated
  - next 5 characters - consecutive number assigned by the input center

Examples

- AR0900120
- JP0902635
- PK0900225
- NL09C0080

Reference Number (RN)

- **Unique number assigned to each TRN during central process *(i.e. input included into the INIS Database)***
- **first two digits: volume (e.g. 40)**
- **6 digits assigned automatically during database processing (e.g. 050125)**

example: **40050125**

Tag 008
Bibliographic Control Data

Contains 5 sub-sections:

- **Subject Category Code(s)**
- **Number of Abstracts**
- **Type of Record**
- **Bibliographic Level(s)**
- **Literary Indicator(s)**

Tag 008
Bibliographic Control Data (cont.)

- **sub-sections are separated with one slash /**
- **multi-entries of subject categories are separated with one semicolon ;**

  example: 008^S23;S24/01/J/AS/KN

Tag 008 (cont.)
Subject Category Code(s)

- **3-digit standardized codes,**
  - **example: *S33* or *S61***
  - **represent the subject contents of the publication described**
  - **assigned by subject specialist**
  - **mandatory: at least one subject category code**
  - **‘primary code’ most relevant code**
  - **‘secondary codes’ - optional**

Tag 008 (cont.)
Number of Abstracts

- **indicates the number of abstracts entered in the record**
- **it must contain two digits**
  - **example: 01 if there is only one abstract**
- **if no abstract is included, enter 00 and the Literary Indicator E**

Tag 008 (cont.)
Type of Record

- one-letter code
- indicates the type of publication
- only one type can be applied to each publication
- Types of Record:

B F I J P R T

Type of Record (cont.)
B - Book

- a literary work, in print or non-print form
- published separately and exists independently
- commercially available
- contains text and can also include illustrations

examples: - book
- chapter of a book
- conference proceedings (commercially available)

Type of Record (cont.)
F - Audiovisual Material

- **non-print materials in audio and/or visual formats**

examples:
- **film**
- **video**
- **slide**
- **sound recording**

Type of Record (cont.)
I - Miscellaneous

- **Publications which are not commercially available and are not scientific and technical reports**

examples: **- conference proceedings**

- thesis

- collections of abstracts

- pamphlets, brochures

Type of Record (cont.)
J - Journal article

- publication in print and/or non-print form (online)
- issued in successive parts
- continues indefinitely
- more than one issue per year
- numerical or chronological designation

Type of Record (cont.)
P - Patent

- A specification concerning the designs or manufacture of something
- protected by the letters **Patent**
- secured for the exclusive profit of the designer or inventor for a limited number of years

Type of Record (cont.)
R - Report

- a document stating the results of scientific or technical activities of an individual person or an organization

- Generally **cannot** be obtained commercially

Type of Record (cont.)
T - Computer Medium

- **software recorded on a:**

  CD-ROM

  DVD

  magnetic tape

  DAT tape

  etc.

Type of Records (cont.)
B, F, J and T

Conventional Literature (CL)

- **do NOT send copies of these publications to INIS**

Type of Records (cont.)
I, P and R

Non-Conventional Literature (NCL)

- copies of the full text *(in paper or electronic form)* **must** be supplied to INIS with the bibliographic records
- included in the electronic INIS NCL Database (on CD/DVD)
- made available in electronic form through INIS or your national INIS Centre

Type of Records (cont.)
I, P and R

If copies of non-conventional literature cannot be submitted to INIS:

- **assign the Literary indicator X in the last sub-section of Tag 008**
- **at Tag 611 (Availability Note) indicate from where a copy of the document can be obtained** ***(see samples with tag 611)***

Bibliographic Levels

- **contain one, two or three single letters that represent the bibliographic level assigned to the publication**

  A M S C

- **at least one level must be present**

Bibliographic Level (cont.)
A (Analytic)

- **used for publications which are part of a larger bibliographic entity**

- **analytic level can never stand alone**

  examples: chapter of a book
  journal article
  article in a report
  article in conference proceedings

Bibliographic Level (cont.)
M (Monographic)

- publications which are independently published self-contained units
- complete at the time they are issued or are to be issued as part of a series

examples: books
reports
patents
monographs
pre-conference papers

Bibliographic Level (cont.)
S (Series)

- **publications (in printed or electronic form) that are considered as journals or periodical publications**

examples:

journals (serials)
annual reports of societies, companies, etc.
yearly publications
monographic series

Bibliographic Level (cont.)
C (Collection)

- **publications that are composed of a group of papers with an individual number**

  examples:

  all the papers are from one author in one or more volumes

  collections of reports, patents, etc.

Literary Indicators

- emphasize certain literary characteristics of a publication
- independent of the type of record
- assign as many codes as applicable to the publication
- there are 11 indicators

  (= each indicator is a single letter)

Tag 100
Personal Author

- **person, including the inventor of a patent, chiefly responsible for the creation of the intellectual content of a piece of literature**

1. **Enter first the Surname**
2. **then, enter full forenames or initials**
3. **Separate them from each other by a comma and a space**
4. **Separator for more than one author: semicolon ; and one space**

Tag 100 (cont.)
Examples

- **Ana Patricia Montero López** ***or***
  Montero Lopez, A.P.
- **Pleslic, Sanda** ***or***
  Pleslic, S.
- **El-Garhy, Amany Mohamed** ***or***
  El-Garhy, A.M.

Tag 100 (cont.)
Affiliation

- the name and location of the laboratory or other organization where the author was employed when carrying out the work

- must be enclosed in parentheses
- country name or code is MANDATORY
- entered after the name of the author(s)

Affiliation (cont.)
Examples

100^Bavio, Maria Mercedes; Montero Lopez, Ana Patricia (Universidad de Costa Rica San Pedro, Montes de Oca San Jose (Costa Rica))

100^Pleslic, S. (State Office for Nuclear Safety Zagreb (Croatia))

100^El-Garhy, Amany Mohamed (Atomic Energy Authority, AEA, Cairo 11787 (Egypt))

Multiple Authors & Affiliations (cont.)

Examples

100^Montero Lopez, Ana Patricia; Gonzalez Sanchez, K. (Universidad de Costa Rica San Pedro, Montes de Oca, San Jose (Costa Rica)); Pleslic, S. (State Office for Nuclear Safety, Zagreb (Croatia)); El-Garhy, Amany Mohamed (Atomic Energy Authority, AEA, Cairo 11787 (Egypt))

Author & E-mail address
Examples

- **1 author and 1 email:**

100^Sharma, S.K., E-mail: sksharma@aerb.gov.in

- **1 author. 1 affiliation and 1 email:**

100^Vatulin, A. (VNIINM, PO Box 369, Moscow 123060 (RU)), E-mail: vat@bochvar.ru

Author & E-mail address (cont.)
Examples

- **1 one or more authors/editors, 1 affiliation, 1 email address:**

100^Lynov, J.; Singh, B.N. (eds.) (Risoe National Lab., Roskilde (Denmark). Optics Dept.), E-mail: j.lynov@risoe.org

Author & E-mail address (cont.)

Examples

- **Multiple authors, 1 affiliation and 1 email :**

100^Fantin, C.A.; Vicentini, Geraldo (Sao Paulo Univ., SP (Brazil). Inst. de Quimica), E-mail: gvicentini@quim.iq.usp.br3

Author & E-mail address (cont.)

Examples

- **Multiple authors, only 1 affiliation and multiple E-mails:**

100^Herdeiro, C.; Hirano, S.; Kallosh, R. (Department of Physics, Stanford University, Stanford, CA (United States)), Email: carlos@het5.stanford.edu, email: hirano@itp.stanford.edu, email: kallosh@stanford.edu

Author & E-mail address (cont.)

Examples

- **multiple authors, multiple affiliations and multiple e-mail addresses**
- **enter each affiliation in parentheses**
- **enter Email address**
- ***Attn: no parenthesis after the country code in the email***

100^Sichel, S.E. (Universidade Federal Fluminense, Niteroi, RJ (Brazil). Inst. de Geologia), E-mail: sichel@spacenet.com.br; Araujo, A.L.N. (Brasilia Univ., DF (Brazil). Dept. de Geologia), E-mail: alucia@guarany.cpd.unb.br; Valenca, J.G. (Universidade Federal, Rio de Janeiro, RJ (Brazil). Inst. de Geociencias)

Tag 109
Funding Organizations

The name and location of the funding organization (non-personal, *i.e. organization*) responsible for the publication which is:

- **financially responsible**
- **founded/monitored the work**

Note: same rules used as for tag 110

Tag 110: Corporate Entry

The name and location of the corporate body (non-personal, *i.e. organization*) responsible for the publication which:

- **performed, funded, monitored the work**
- **issued the publication reporting the work**
- **sponsored, organized, co-ordinated a scientific meeting**
- **assignee(s) of a patent**
- **academic institutions granting a degree**

Tag 110: Corporate Entry (cont.)

- **name of the organization as it appears on the publication, incl. all sub-elements**
- **followed by the country name or code in parenthesis**
- **multiple organizations are separated by a semicolon and a space**

  Note: same rules used for the identification and entry of Corporate Bodies apply to ***Funding Organizations (Tag 109)***

Tag 110: Corporate Entry (cont.) Examples

110^*Swedish Nuclear Power Inspectorate, Stockholm (Sweden)*

110^Vietnam Atomic Energy Commission, Scientific and Technical Information Office, Hanoi (VN)

110^*Univ. of Rochester, NY (United States). Radiation Safety Unit*

110^Atomic Energy Organization of Iran, Data Processing and Information Center, Tehran (IR)

110^*Universidad de Costa Rica San Pedro, Montes de Oca, San Jose (Costa Rica)*

Tag 110: Corporate Entry (cont.)
Multiple Corporate Entry
Examples

110^Swedish Nuclear Power Inspectorate, Stockholm (Sweden); Ministry of Economy, Nuclear Energy Div., Vilnius (LI); Univ. of Rochester, NY (United States). Radiation Safety Unit; Ministry of Health, Radiation Protection Dept., Dubai (United Arab Emirates); Makerere Univ., Department of Physics, National Radiation Protection Service, Kampala (Uganda); Vietnam Atomic Energy Commission, Scientific and Technical Information Office, Hanoi (VN)

Tag 200
Publication Title

- **Distinguishing or identifying title of a publication in English (or translated into English)**

- **The words in the title must be entered as they appear on the publication**
- **No changes or substitutions (except for correcting misspelled words)**

Tag 200 (cont.)

- **Several titles may appear on the title page of a publication (report, book, journal)**

- **specific title → distinctive title**
- **other titles → non-distinctive title or**
  → sub-title
  - **enter first:** distinctive title
  - **a period and a space**
  - **then enter:** non-distinctive or sub-title

Tag 200
Examples

200^Nuclear power reactors in the world. Final report

200^Main pumps loss incident in the nuclear power plant Atucha I. Modelling with RELAP5/MOD3.2

200^Use of computational fluid dynamics codes for safety analysis of nuclear reactor systems, including containment. Summary report of a technical meeting

200^Radiological protection for medical exposure to ionizing radiation. Safety guide

Tag 230
Original (Language) Title

Distinguishing or identifying name of the publication in:

- **original (non-English) language** ***or***
- **transliterated version**

Examples:

230^Protection radiologique relative a l'exposition medicale aux rayonnements ionisants. Guide de surete

230^Avances del programa de produccion de ^{18}F y ^{18}FDG del Laboratorio de la Comision Chilena de Energia Nuclear

230^Povyshenie kompetentnosti v oblasti radiatsionnoj zashchity i bezopasnogo ispol'zovaniya istochnikov izlucheniya. Rukovodstva

Conference Tags (210, 211, 213, 215)

- **Tag 210: Conference Title (English)**
- **Tag 211: Conference Place**
- **Tag 213: Conference Date**
- **Tag 215: Original Conference Title (non-English)**

When to enter?

If publication being described:

- **contains proceedings, abstracts, programe, etc. of a conference** *or*
- **is an individual article that has been presented at a conference**

Tag 210
Conference Title (English)

- English-language version of the official name of the conference
- When no English title is available, a translation has to be provided

Examples:

- 210^5. Regional Congress on Radiological and Nuclear Safety
- 210^International topical meeting VVER-2004 – experience and perspectives

Tag 211
Conference Place

- **Mandatory entry**
  - **place (city and/or state)**
  - **name (or code) of country where conference was held**
- **name or code of country**

  (always enclosed in parenthesis)

Examples:

Vancouver, BC (Canada)

Beijing (China) or Beijing (CN)

Cairo (Egypt) or Cairo (EG)

Tag 213
Conference Date

- **Exact conference dates are entered**
  - **start and end of the conference**

    day(s) month(s) year(s)

    - **only first 3 letters of the month *(English version)***
    - year **must be entered as 4 digits**

    Examples:

    Jan 2009 **Aut 2009 (= autumn, fall)**

    Oct 2009 **Sum 2009 (= summer)**

Tag 213
Conference Date (cont.)

- **separator for dates in the same month:**
  - **hyphen, no spaces**

    Example: 5-8 Feb 2009
- **separator for dates in different months:**
  - **hyphen and spaces**

    Example: 28 Sep - 4 Oct 2009
- **separator for multiple dates:**
  - **semicolon and a space**

    Examples: 5-8 Feb 2009; 16-20 May 2009

Tag 215
Original Conference Title (Non-English)

- **Enter the '*non-English*' (original) language version of the name of the conference**

Examples:

215^1. Congreso regional sobre seguridad radiologica y nuclear

215^7. colloque sur les sources coherentes et incoherentes UV, VUV et X. Applications et developpements recents

215^8. Mezhdunarodnaya konferentsiya 'Fizika Tverdogo Tela'

Entry of titles for more than one Conference

- **Possible versions:**
  - **same time & same place**
  - **different times but same place**
  - **same time but different places**
  - **different times & different places**

Entry of titles for more than one Conference (cont.)

Examples:

210^**ICNC '91: International Conference on Nuclear Criticality safety; International conference on radiation and society**

211^**Rome (Italy); Paris (France)**

213^**2-5 Feb 2008; 29 May - 2 Jun 2008**

Journal Tags (229, 320, 321)

- **S Level** for Journal Records **must** contain:
  - ***Full Journal Title (Tag 229) plus***
    - ***ISSN (Tag 320) or***
    - ***CODEN (Tag 321)***

Tag 320
ISBN (International Standard Book Number)

- **Standardized identification code for books (identifies the title, edition and publisher of a book)**
- **also assigned to publications available on CD-ROM**
- **composed of 13 characters, incl. spaces or hyphens**
- **last digit is a control digit, can be an X (representing the number10)**

Example: ISBN 3-540-63612-9

Tag 320
IPC (International Patent Classification Code)

- **Standardized classification codes**
- **assigned to patent literature only**

Entry rules:

- **Int.Cl. and one space**
- **code as it appears in INID 51 on document**
- **multiple codes separated by semicolon and one space**

Example: Int.Cl. G21d 3/02; G21d 3/05

Tag 300
Report/Patent Number

Alphanumeric identification number that is assigned to a report by the organization that:

- ***publishes***
- ***edits***
- ***makes it available***

Tag 300
Report Number (cont.)

- **Report Number is composed of 2 parts:**
  - Report Prefix ***(alphabetic part)***
  - Report Suffix ***(numeric part)***
  - 2 parts are separated by 2 hyphens (--)

Tag 300
Report Number (cont.)
Examples

ARNL--25/06

CEA-Conf--13579

IAEA-TECDOC--888

JAERI-Tech--2007-030

KFKI--8432

SKI-R--05-44

2 Specific Cases with Type of Record ‘R’ and Tag 300

- Non-Conventional Literature (NCL) normally carries a Report Number
- a copy of the full text must be sent to INIS for inclusion in INIS NCL collection on CD-ROM

Case 1 - publication has no Report Number, but full text will be sent to INIS

Case 2 - cannot send full text to INIS

Case 1
publication has no Report Number, but you will send full text to INIS

assign your own ‘Report Prefix’:

- **INIS**
- followed by the **code of your country**
- next **available number** from your collection

Examples:

INIS-CU--001
INIS-KZ--156
INIS-UZ--030

Case 2
you cannot send full text to INIS

- assign **Literary Indicator X** at Tag 008
  (to indicate that you do **not** send a copy to INIS)
- enter information about the availability of publication from **another source** at Tag 611

Examples:

Tag 611^**Available from National Council for Science and Technology, P.O.Box 30623, Nairobi, Kenya**

Tag 300
Patent Number

composed of:

- **country code**
- **words ‘Patent Document’**
- **number assigned to the patent**

Examples:

300^FR patent Document 3498765/A/

300^CZ patent document 293655/B6/

300^PL patent document 169177/B1/

Tag 310
Secondary Number(s)

- some organizations assign two or more identification numbers to reports
- most important number = Primary Number: entered at Tag 300
- any other identification number = **Secondary Number**: enter at Tag **310**
- **separator for multi numbers:**
  semicolon and one space

Example: AECL--9234**;** DOE-ER--05-76**;** KFK--8432

Tag 401
Place of Publication

- **name of city**
- **standardized name *or* code of country in parentheses**
  - *country names & codes in IAEA-INIS-1(Rev.8)*

Examples:

Cairo (EG) ***or*** Cairo (Egypt)

Tashkent (UZ) ***or*** Tashkent (Uzbekistan)

Tag 402
Name of Publisher

- **Enter only the name of the publisher**

Examples:

World Scientific

Elsevier

Springer Verlag

Tag 403
Date of Publication

- **name of month *or* season**
  - **in** English
  - first **3 letters only**
- **year of publication (always in** 4 digits**)**

  Examples: Jan 2008
  Spr 2009
- journal dates are entered in: **parentheses**
- dates in different months are separated with a **hyphen** and **a space: (**Jan - Mar 2008**)**

Tag 500
Physical Description

Describes the physical dimensions of
print **or** ***non-print literature***

- **Printed literature:**
- **When the publication is described as a whole, the total page number is entered:**

  Example: 100 p.

Tag 500
Physical Description (cont.)

- **When a specific article from a publication is described, the page range is entered for**
  - **journal article or**
  - **parts of a larger document**

    (book, report, etc.)

    Example: p. 25-38

Tag 500
Physical Description (cont.)

- **Entry of data for journal articles in Levels A and S:**
  - **pagination of the journal article: A level**
  - **volume & issue information of the Journal: S level**

  Note: total pagination of the journal is not entered

Example: A Level, Tag 500^p.15-22
S Level, Tag 500^v. 97(12)

Tag 500
Physical Description (cont.)

- **Non-Print literature:**
  - enter number of CD-ROMs,

    Example: 1 CD-ROM
  - size of file

    Example: 850 KB

Tag 600: Publication Language

- standardized code(s) or name(s) for the language(s) in which the publication is written
- enclosed in parentheses

  Example: (EN) *or* (English)

  - max. 8 languages allowed
  - separator: comma and a space

  Example: (EN, JP, SP)

  or **(English, Japanese, Spanish)**

Tag 610
General Notes

Supplementary cataloging information which is not included elsewhere in the record

- **When reporting a technical report which has been published as a journal article**

Examples:

610^Also published in journal Radiation Physics and Chemistry, ISSN 0146-5724, vol. 68(4), May 2005

610^Also published in: EUROJOIN-2 conference proceedings, edited by Italian Institute of Welding, Genova (IT), 1994

610^Also published in: ANS Decontamination, Decommissioning and Reutilization Division Newsletter, May 2004. Issued in French, German, and Russian

Tag 610
General Notes (cont.)

- **Provide additional information on price, editorial details, etc..**

  Example:

  610^Also available from British Library Document Supply Centre, Boston Spa, Wetherby, West Yorks. LS23 7BQ, United Kingdom. Price 7.00 UK pounds

- **illustrative material**

  Examples:

reference, references:	*enter as*	➔	ref.	or	8 refs.
figure, figures:	*enter as*	➔	fig.	or	6 figs.
table, tables:	*enter as*	➔	tab.	or	10 tabs.
illustration, illustrations:	*enter as*	➔	ill.	or	ills.
map, maps	*enter as*	➔	map	or	maps
chart, charts	*enter as*	➔	chart	or	charts
plan, plans	*enter as*	➔	plan	or	plans

Tag 611
Availability

- provide information:
  from where to obtain the publication
- include sufficient information for the publication to be obtained world-wide
- no entry needed if availability is obvious from other information in the record

Examples: books, journals

(ISBN, ISSN, DOI: sufficient to identify via bookstores and/or access online)

Tag 611
Availability (cont.)

- **Mandatory for:**

  Non-**C**onventional **L**iterature ***(NCL)***

  - **when the full text of the publication cannot be sent to INIS:**

  1. assign Literary Indicator **X** ***(= not available from INIS)*** at Tag 008

  2. enter mailing address, e-mail address, URL, DOI, or other source from where the full text can be obtained

Tag 611
Availability (cont.)

Mandatory - Examples:

611^Available from Bibliotheque Scientifique, DIST, CEA/Saclay, 91191 Gif-sur-Yvette (France)

611^Available from Academy of Scientific Research and Technology, Cairo (Egypt)

611^Available from http://www.ictp.trieste.it; contact author via e-mail: qiuyu@ictp.trieste.it

611^Available from PURL: https://www.osti.gov/servlets/purl/806832-7ubzY7/native/

611^Available from http://www.skb.se/upload/publications/pdf/TR-04-16webb.pdf

611^ Available from KEK (High Energy Accelerator Research Organization) 1-1 Oho, Tsukuba-shi, Ibaraki-ken, 305-0801, Japan

611^Available from Biblioteca Joaquin Garcia Monge, Universidad Nacional (CR)

Tag 611
Availability (cont.)

- **Optional:**
  - to provide **additional** availability information **when the publication can also be obtained from another source then INIS.**

Examples:

611^Also available at the SKI homepage in PDF-format (http://www.ski.se)

611^Also available from Nuclear Power Safety Inspectorate, Sermuksniu 3, 2600 Vilnius, Lithuania; contact e-mail: kutas@vatesi.lt

611^Also available on-line: http://www-igorr.cea.fr/proceedings/igorr7/index.html

611^Also available from Sudan Atomic Energy Commisson, Khartoum (SD)

611^Also available from PURL: https://www.osti.gov/servlets/purl/837558-zdM1TF/webviewable/

611^Also available from TERIS 2002, a.s., Stetkova 18, 140 68 Prague 4, Czech Republic

Tag 611
Availability (cont.)

- **Identifiers**
  - **DOI (Digital Object Identifier): a digital identifier for any object of intellectual property**

http://www.doi.org

Examples:

611^Available from http://dx.doi.org/10.1393/ncc/i2005-10012-x

611^Available from http://dx.doi.org/10.1007/s00234-005-1393-5

611^Available from http://dx.doi.org/10.1002/pssa.200561910

611^Available from http://dx.doi.org/10.1140/epjc/s2005-02270-5

Tag 611
Availability (cont.)

- **Identifiers**
  - **PII (Publisher Item Identifier):** open standard that provides a 17-digit unique identifier
  - easy reference specific “items”, e.g. *journal articles*, *book chapters*, regardless of format (e.g. conventional print and digital form)
  - adopted by leading scientific publishers

    Examples:
    - Elsevier Science, American Institute of Physics, American Physical Society, American Chemical Society, IEEE
      - **journal article: S0040403999013135**
      - **book article: B0080418678012854**

Tag 611
Availability (cont.)

- **URL (Uniform Resource Locator):** address of a resource available on the Internet
  - **Points directly to the location of the resource**
    Examples:

    http://www.iaea.org/programmes/inis/index.html

    ftp://ftp.iaea.org/pub/

- **PURL (Persistent Uniform Resource Locator)** = URL
  - **Points to an intermediate resolution service that associates the PURL with the actual URL and returns it to the client**

    http://purl.oclc.org/docs/

Tag 611
Availability (cont.)

- **SICI** (Serial Item and Contribution Identifier Standard): unique identification of serial items *(e.g. issues)* and the contributions *(e.g. articles)* contained in a serial title, regardless of the distribution medium.

Examples:

item: **Physica Status Solidi. B, Basic Research , Vol. 246 no.10 October, 2009**

expressed in:

SICI: 0370-1972(200910)246:10<2238::AID-PSSB200945196>3.0.TX; 2-V

item: ***Physica Status Solidi. A, Applied Research, v. 202(11), Sep 2005, p. 2085-2090, ISSN 0031-8965***

expressed in:

SICI: 0031-8965(200509)202:11<2085::AID-SSA200561910>3.0.TX;2-1

Year 2009

3 **Positron preferential annihilation in Bi-Sb alloys**

We report the measurements of the positron annihilation characteristics, i.e., positron lifetime and coincidence Doppler broadening spectra performed on five Bi-Sb alloys having a Bi content between 12.5 and 81 at.%. The strong effect of the preferential annihilation of positrons with the electrons of the Bi atoms has been revealed in these alloys. (Abstract Copyright [2009], Wiley Periodicals, Inc.)

Author Dryzek, Jerzy (Institute of Nuclear Physics PAN, Krakow (Poland); Institute of Physics, Opole University (Poland))

Subject NUCLEAR PHYSICS AND RADIATION PHYSICS | S36 | S73 |

Source (Oct 2009) v. 246(10) p. 2238-2241
Available from: http://dx.doi.org/10.1002/pssb.200945196
ISSN 0370-1972; CODEN PSSBBD
Physica Status Solidi. B, Basic Research
With 2 figs., 0 tabs., 20 refs.; SICI: 0370-1972(200910)246:10<2238::AID-PSSB200945196>3.0.TX; 2-V
Journal Article

Place Germany

DEC alloy systems | alloys | collisions | interactions | lepton-lepton interactions | line broadening | particle interactions | spectra

DEI annihilation | antimony alloys | binary alloy systems | bismuth alloys | doppler broadening | electron-positron interactions | energy spectra | gamma spectra | lifetime | positron collisions

Lang English

RefNum 40096720

VolIss 4044

Year 2009

Tag 800
Descriptors

Discussed in detail in 'Subject Analysis & Indexing' part of this Seminar

- Descriptors provide general and specific subject access to records in the INIS Database
  - Descriptors are separated by a semicolon **;** and 1 space

Example:

800^occupational safety; iaea; mexico; radiation doses; medicine; radiation protection

Tag 860
Abstract

- a summary of the information contained in the publication
- maximum length: 6000 characters
- **abstract mandatory**: **if document longer than 6000 characters**
- in addition to the English language abstract, 1 or more non-English abstracts may be provided

Tag 860
Abstract (cont.)
Special Cases No Abstract Prepared

- Record **without** Abstract
- publication is less than 6000 characters
- no abstract is available *or*
- your Centre **cannot** prepare an abstract
  - assign **Literary Indicator E** at Tag 008
    *(indicating that **no** abstract is included in the record)*
  - enter Number of Abstracts**: 00** at Tag 008
  - do **not** enter **009^X/EN**
  - do **not** enter **Tag 860^**

Tag 860
Abstract (cont.)
Special Cases No Abstract Prepared

Example:

001^JP0903886
008^S21/00/J/AS/E
009^A
100^Oshima, Koichiro; Okubo, Osamu (Toshiba Corporation, Nuclear Energy Systems and Services Division, Tokyo (Japan))
200^Current status and prospects of the nuclear power plants development
500^p. 22-26
600^(Japanese)
009^S
229^Denki Hyoron
320^ISSN 0285-5860
403^(Aug 2009)
500^v. 94(8)
009^9
800^NUCLEAR POWER PLANTS; BWR TYPE REACTORS; PWR TYPE REACTORS; CONSTRUCTION; POWER GENERATION; CAPACITY; PLANNING; STEAM TURBINES; FBR TYPE REACTORS; NUCLEAR INDUSTRY; RETROFITTING; JAPAN; MULTINATIONAL ENTERPRISES; TECHNOLOGY ASSESSMENT

***end** of the record*

Tag 860
Abstract (cont.)
Special Cases Abstact = full text of article

- **Full text of article** entered as 'Abstract': **when?**

- publication is in **English**
- it is an **abstract itself**
- is not longer than **6000 char. (900-1200 words)**
- attn: ***COPYRIGHT***

  - start 860^ with the words: ***Full text:***
  - and continue with the ***text of the abstract***

WinFIBRE - [WinFIB1]

File Edit Search Option Command Matrix Window Help

001^MY0903351
008^S60/01/I/M/KX
009^M
100^Febrida Anas; Basril Abbas; Nani Suryani; Nazli Hilmy (National Nuclear Agency BATAN, Yogyakarta (Indonesia). BATAN Research Tissue Bank)
200^Microbes clearance from biological tissues by soaking in a mixture of non-ionic detergent and hydrogen peroxide
210^5. World Congress on tissue banking
211^Kuala Lumpur (Malaysia)
213^2-6 Jun 2008
403^2008
500^1 p.
600^(English)
611^Available in abstract form only, full text entered in this record
009^9
800^HYDROGEN PEROXIDE; DETERGENTS; SKELETON; STAPHYLOCOCCUS; COMPARATIVE EVALUATIONS; LAMINAR FLOW; CLEARANCE; SPORES; WASHING
009^X/EN
860^Full text: The aim of this work is to find the good processing method to reduce the microbes contaminated biological tissues. Processing of tissues by soaking or washing in 3 % of hydrogen peroxyde (H_2O_2) has been done elsewhere. Processing of bone by soaking in a mixture of H_2O_2 and non-ionic detergent has been used to eliminate several kind of viruses from biological tissues (Pauli et al). This work was done to see the effects of soaking in that mixture to eliminate microbes isolated from contaminated biological tissues. Bone allografts with size of 1x1x1 cm were contaminated by about 10?1?0 cells/ pieces of microbes such as E. coli, Staphylococcus sp, Pseudomanoas sp, and spores of B. pumilus E 601, and then were dried for 6 hours under laminar flow bench and follow by soaking in that mixture for 10. 20. 30 and 60 minutes. As a comparison soaking in 3% H_2O_2 only was also done. Results showed that E. coli, Staphylococcus sp, Pseudomanoas sp, can be eliminated after soaking for 10 minutes in that mixture, however spores of B. pumilus E 601 still exist after soaking for 60 minutes, although the number reduced significantly. (Author)

For Help, press F1 Items: 1 Ln 26, Col 52 NUM

INIS Character Set

- Clearly defined set of rules for coding special characters and scientific symbols
- necessary for computer processing
- characters #, " and _ are treated as special characters during computer processing
- **must only** be used as encoding characters

INIS Character Set (cont.)

- Logical characters comprise the Greek alphabet, eg:

  $\alpha \quad \mu \quad \psi \quad \Sigma$

- scientific and technical symbols, eg.:

  $\surd \quad \rightarrow \quad \infty \quad \equiv$

- superscripts and subscripts

  a^x ^{235}U

  H_2O C_2H_5OH

INIS Character Set (cont.)

- **Superscripts** are encoded using the character **”** (double score)
- **Subscripts** are encoded using the character _ (underline)
- The encoding character only applies to the **immediately following character**

INIS Character Set (cont.)

Examples:

a^x	=	a”x
^{235}U	=	”2”3”5U
H_2O	=	H_2O
C_2H_5OH	=	C_2H_5OH
x^{α}	=	x”#alpha#

Publications to Consult

INIS Reference Series:

- *IAEA-INIS-1: Guide to Bibliographic Description (June 2009, online)*
- *IAEA-INIS-11: Authority for Journal Titles (Mar 2009)*

Other publications in electronic form at INIS Members Area:
http://www.iaea.org/programmes/inis/marea/restricted/refseries/referenceserie.htm

GOOD LUCK!

Thank you!

Renate EDER

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