

The need to change



- Changes in OSTI/DOE reporting requirements
- Changes in LBNL reporting requirements
- Changes in the number of submissions
- **No changes in staffing**

Goals



- **Reduce the amount of typing and retyping**
 - within the group
 - within the Department
 - within the Laboratory
- **Increase accuracy in data input**
- **Distribute data input workload**
- **Make document submission painless**

Method



- **Create Web forms**
 - to request LBNL numbers
 - to submit documents
 - to send documents for patent clearance
 - to order printing, reprints, and reruns
 - to update a database record
- **Transfer the information from the web page to various databases**
 - Report Database
 - Printing Database

Method - continued



- **Transfer information from the database to other data output formats**
 - **Patent Clearance form**
 - **LBNL report cover**
 - **Form 241.1**

DB Record



ACCESS_LEVEL: 1
ANNCOPY_CPYRTYPE: N
ANNOUNCEMENT_LEVEL: PUBLIC
ANNOUNCE_REC_TO_OSTI: Y
ANNUNL: Y
AUTHOR: Kast, Anton P.
CONTACT: Anton P Kast
CONTACT_ADDR: 50A-2152
CONTACT_EMAIL: APKast@lbl.gov
CONTACT_FAX: (510) 486-6199
CONTACT_PHONE: (510)486-4851
CREATED_BY: AFLEMING
CREATED_DATE: 05/10/1999
DIVISION: National Energy Research Scientific Computing Division
DIVISION_ID: NERSC
DIV_REVIEWED_BY: P. Colella
DIV_REVIEWED_DATE: 05/10/1999
DOC_DATE: 05/01/1999
DOC_FORMAT: FORMAL REPORT
DOC_ID: LBNL43251R1

DB Record - continued



DOC_NUMBER: LBNL-43251
DOC_NUM_TYPE: LBNL
DOC_SEQ_NUM: 43251
DOC_TITLE: Optimal prediction of stiff oscillatory systems
DOC_YEAR: 1999
DT_ANNREC_TO_OSTI: 08/24/1999
DT_DOCUMENT_AVAILABLE: 08/13/1999
DT_FILE_COMPLETED: 08/13/1999
DT_PAT_CLRD: 08/10/1999
DT_SENT_PATENTS: 08/09/1999
DT_SENT_TO_OSTI: 07/28/1999
FILEFORMAT: PDFN
FUND_DOE_SRC: ASCR
INFO_PROD_FN: LBNL-43251.pdf
LANGUAGE: English
MODIFIED_BY: AFLEMING
MODIFIED_DATE: 08/24/1999
NO_OF_PAGES: 21

DB Record - Continued



ORGANIZATION: NERSC National Energy Research Scientific Computing Division

OSTI_DOC_TYPE: TOPICAL

PRINTED_COPY_AVAILABLE: YES

PRODUCT_MEDIUM: ELECTRONIC DOCUMENT

PROJID: 619501

RELEASE_NUM: 1

REVISION_NUM: 0

SOUND: N

STI_PROD_AVAIL_LEVEL: PUBLIC

STI_TO_OSTI_FLAG: Y

TRANSMIT_VIA: FTP

URL_TO_PDF: <A

**HREF="http://www-library.lbl.gov/library/docs/LBNL
/432/51/PDF/LBNL-43251.pdf">LBNL-43251.pdf_(184K)<
/A>**

URL_TO_PS: <A

**HREF="http://www-library.lbl.gov/library/docs/LBNL
/432/51/PS/LBNL-43251.ps">LBNL-43251.ps_(332K)**

Selecting Records from DB



FQM> form241

Enter the BEGINNING date in MM/DD/YYYY or YYYYMMDD format.

-> 08/24/1999

Enter the ENDING date in MM/DD/YYYY or YYYYMMDD format.

-> 08/24/1999

There are 238 records to process.

Processing record 1 of 238.

Comments from Program to User



Processing record 179 of 238.

Record with DOC_ID=LBNL43247R1.

You are sending a paper STI product to OSTI.

Processing record 180 of 238.

Processing record 181 of 238.

Record with DOC_ID=LBNL43251R1.

You are sending an electronic STI product to OSTI.

SGML Output



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SGML Output - Continued



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