

S T U . . SLOVENSKÁ TECHNICKÁ UNIVERZITA V BRATISLAVE
.
. M T F . Materiálovotechnologická fakulta so sídlom v Trnave
. Odbor poznatkového manažmentu
. Akademická knižnica

SPRIEVODCA DATABÁZAMI

EnCompassLIT (Engineering Village)



Európska únia
Európsky fond regionálneho rozvoja



Tento projekt je realizovaný na základe podpory operačného programu
Výskum a vývoj financovaného z Európskeho fondu regionálneho rozvoja

Táto publikácia bola vytvorená realizáciou projektu Centrum poznatkovej organizácie duševného vlastníctva, ITMS 26220220054 na základe podpory operačného programu Výskum a vývoj financovaného z Európskeho fondu regionálneho rozvoja.

Manuál je súčasťou kolekcie manuálov a sprievodcov databázami zameranej na oblasť duševného vlastníctva.

Náplň kolekcie:

Manuál základných pojmov z oblasti duševného vlastníctva

Manuál na podanie patentovej prihlášky

Manuál patentovej legislatívy

Zoznam patentovej literatúry v akademickej knižnici a prehľad voľne dostupných patentových databáz

Sprievodca databázami

Engineering Village

Chimica

Chemical Business NewsBase

EnCompassLIT

EI Patents

Referex

SAGE Journals Online

Engineering and Computing, Materials Science, Technology

Information Science and Marketing

Intellectual Property, Psychology and Sociology

Management and Organisation Studies, Education

Research Methods, Methodology and Evaluation

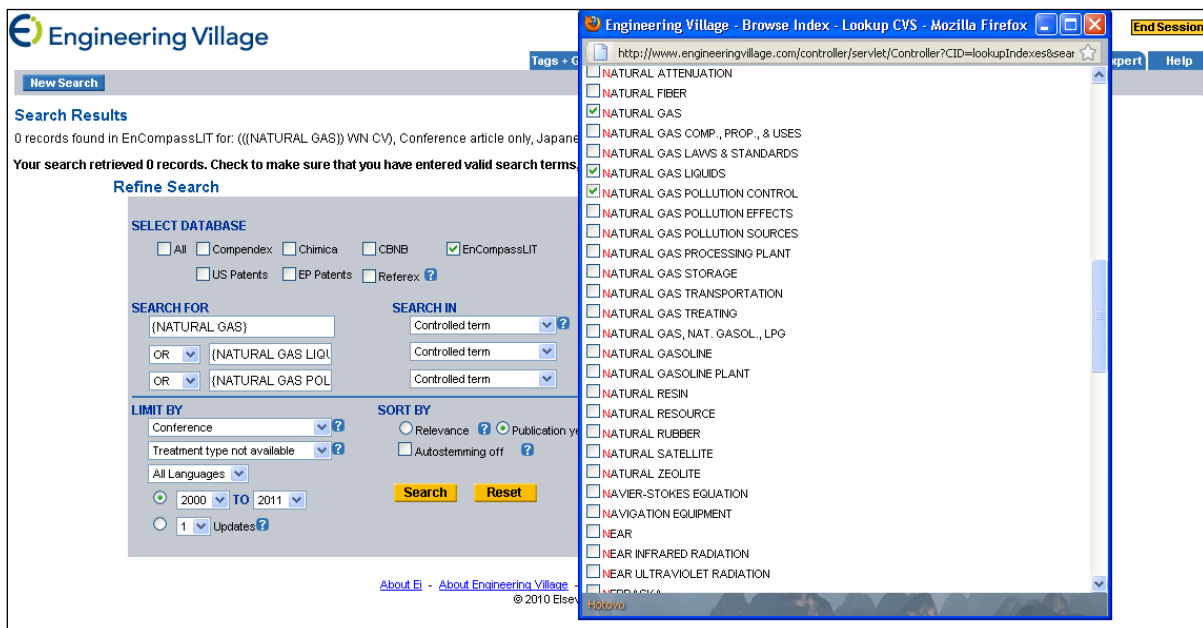
EnCompassLIT

Databáza zameraná na ropu, zemný plyn, petrochemický priemysel, energetiku a príbuzné odvetvia ponúka na vyhľadávanie indexy alebo bežné vyhľadávanie. Typy dokumentov sú zamerané na články v časopise, konferencie, kapitoly z monografií, kapitoly zo správ, dizertačné práce, abstrakty.

1. krok

Kritériá na požadovaný výsledok - termín: niečo o zemnom plyne
typ dokumentu: konferencia
roky publikácií: 2000-2011
jazyk: všetky
triedenie podľa rokov

Pri zadávaní termínu „zemný plyn“ sme si vypomohli indexom. Indexy v tejto databáze sa vzťahujú na autorov, afiliácie autorov, výrazy, zdrojové tituly a vydavateľov.



The screenshot displays the Engineering Village search interface. The main search results area shows 0 records found for the query: ((NATURAL GAS) WN CV), Conference article only, Japanese. Below this, there is a 'Refine Search' section with various filters. The 'SELECT DATABASE' section has 'EnCompassLIT' selected. The 'SEARCH FOR' section contains the query: (NATURAL GAS) OR (NATURAL GAS LIQUIDS) OR (NATURAL GAS POLLUTATION CONTROL). The 'LIMIT BY' section is set to 'Conference' and '2000 TO 2011'. The 'SORT BY' section is set to 'Relevance'. On the right side, there is a list of index terms related to 'NATURAL GAS', with several terms checked, including 'NATURAL GAS', 'NATURAL GAS LIQUIDS', and 'NATURAL GAS POLLUTATION CONTROL'. The browser window title is 'Engineering Village - Browse Index - Lookup CVS - Mozilla Firefox'.

2. krok

Výsledky môžeme:

- prezerat' vo formáte citácie, abstraktu alebo detailného záznamu,
- zoradiť podľa relevancie, dátumu, autora, zdroja alebo vydavateľa,
- upresniť (zúžiť) podľa autora, afiliácie, klasifikačného kódu, kontrolovanej terminológie, majoritnej terminológie, krajiny, typu dokumentu, roku, zdrojového titulu, vydavateľa, funkcie (roly).

The screenshot displays the Engineering Village search interface. At the top, there are navigation links like 'Search History', 'Selected Records', 'My Profile', and 'My Alerts'. Below this is a search bar and a 'Results Manager' section with options to 'Refine Search' or 'New Search'. The main content area shows 'Search Results' for 4962 records, with a search query: `*((((NATURAL GAS) WN CV) OR ((NATURAL GAS LIQUIDS) WN CV)) OR (((NATURAL GAS POLLUTION CONTROL) WN CV)), Conference article only`. The results are sorted by Relevance and list five items, each with a title, author, source, and database information. On the right side, a 'Refine Results' sidebar is visible, containing filters for 'Author', 'Author affiliation', and 'Controlled terms'. A red box highlights this sidebar, and a red arrow points from the text 'funkcie (roly)' in the list above to the 'Controlled terms' filter.

3. krok

Väčšinu záznamom zobrazíme len ako abstrakt alebo detailný záznam. Niekoľko záznamov uvidíme i ako plné texty, ktoré sa zobrazia prepojením do inej databázy.

The screenshot shows a web browser window displaying a ScienceDirect article page. The browser's address bar shows the URL: http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6V1T-4YW56DX-1&_user=8157715&_coverDate=02%2F28%2F2011&_rdoc=1&_fmt=high&_orig=search&_origin=search&_sort=d&_docanchor=&view=c&_acct. The page features a navigation bar with 'Home', 'Browse', 'Search', 'My settings', and 'My alerts'. Below this is a search interface with fields for 'All fields', 'Author', 'Volume', 'Issue', and 'Page', and a 'Search ScienceDirect' button. A banner for the 'WORLD FUTURE ENERGY SUMMIT Abu Dhabi, 17-20 January 2011' is visible, along with logos for Masdar and Reed Exhibitions. The main content area includes a 'PDF (704 K)' icon, 'Export citation', and 'E-mail article' options. The article title is 'A renewable energy system in Frederikshavn using low-temperature geothermal energy for district heating' by Poul Alberg Østergaard and Henrik Lund. The article is from 'Applied Energy', Volume 88, Issue 2, February 2011, Pages 479-487. The page also features sections for 'Related Articles', 'Cited by (0)', and 'Related reference work articles'.

ScienceDirect - Applied Energy : A renewable energy system in Frederikshavn using low-temperature geothermal energy for district heating - Mozilla Firefox

http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6V1T-4YW56DX-1&_user=8157715&_coverDate=02%2F28%2F2011&_rdoc=1&_fmt=high&_orig=search&_origin=search&_sort=d&_docanchor=&view=c&_acct

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WORLD FUTURE ENERGY SUMMIT Abu Dhabi, 17-20 January 2011

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Masdar
Reed Exhibitions

Font Size: A A A

PDF (704 K) | Export citation | E-mail article

Thumbnails | Full-Size images

Article | Figures/Tables (12) | References (52)

Applied Energy
Volume 88, Issue 2, February 2011, Pages 479-487
The 5th Dubrovnik Conference on Sustainable Development of Energy, Water and Environment Systems, held in Dubrovnik September/October 2009

doi:10.1016/j.apenergy.2010.03.018 | How to Cite or Link Using DOI
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A renewable energy system in Frederikshavn using low-temperature geothermal energy for district heating

Poul Alberg Østergaard^a, and Henrik Lund^{1, a}

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Received 24 September 2009; revised 17 March 2010; accepted 23 March 2010. Available online 20 April 2010.

Related Articles

- Climate Change Mitigation from a Bottom-up Community Ap...
Sustainable Communities Design Handbook
- Reviewing optimisation criteria for energy systems anal...
Energy
- The role of district heating in future renewable energy...
Energy
- Local or district heating by natural gas: Which is bett...
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Cited by (0)

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Related reference work articles e.g. encyclopedias

- Geothermal Direct Use
Encyclopedia of Energy
- Geothermal Power Stations
Encyclopedia of Physical Science and Technology
- Renewable Energy, Taxonomic Overview
Encyclopedia of Energy
- Renewable Energy in the United States

V rešerši, ktorá sa zobrazila po zadaní vyhľadávaného výrazu, je možné navoliť si prezeranie vybraných záznamov vo forme citácie, abstraktu alebo detailného záznamu.

Engineering Village

Search History - Selected Records - My Profile - My Alerts [End Session](#)

Tags + Groups Easy Search Quick Search Expert Search Thesaurus eBook Search Ask an Expert Help

Refine Search New Search

Results Manager

Select all on page - Select range: to - Clear all on page - Clear all selections

Choose format: Citation Abstract Detailed record Clear selected records on new search

View Selections E-Mail Print Download Save to Folder

Search Results

130366 records in EnCompassLIT for 1962-2011 Save Search - Create Alert - [RSS](#) ?

+(natural gas) WN All fields

Sort by: Relevance Date Author Source Publisher

- Quick takes: Southern Natural Gas...
Source: [Oil and Gas Journal](#), v 99, n 20, p 8, May 14, 2001
Database: EnCompassLIT
[Abstract](#) - [Detailed](#)
- NITROGEN REMOVAL AND HELIUM RECOVERY FROM NATURAL GAS
MESSER GRIESHEIM GMBH; GAZ DE FRANCE; STREICH M Source: [INT CRYOGENICS CONF \(BRIGHTON\) \(COND\) CHEM PROCESS ENG \(LONDON\) V52 N 5 11 13](#)
(MAY 1971), May, 1971
Database: EnCompassLIT
[Abstract](#) - [Detailed](#)
- THE SOVIET (NATURAL) GAS INDUSTRY IN 1970-1980
BEER V A Source: [GAS- WASSERFACH GAS ERDGAS V118 N 4 160-64 \(APR 1977\)](#), v 118, n 4, p 160-64, April, 1977 Language: German
Database: EnCompassLIT
[Abstract](#) - [Detailed](#)
- NORTHERN BORDER PIPELINE CO. WILL BEGIN A PROGRAM IN THE SPRING OF 1982 TO RE-EXAMINE 1.5(PERCENT) OF THE FIELD WELDS COMPLETED DURING 1981 ON THE EASTERN U.S. LEG OF THE ALASKA NATURAL GAS TRANSPORTATION SYSTEM
NORTHERN BORDER PIPELINE CO; ALASKA NATURAL GAS TRANSPORTATION SY Source: [OIL GAS J. V80 N.14 133 \(4/5/82\)](#), v 80, n 14, p 133, April 5, 1982
Database: EnCompassLIT
[Abstract](#) - [Detailed](#)

Refine Results [? Help](#)

Include Exclude

Author [▲](#) [📄](#)

- American, Gas Association (398)
- British, Gas Corp (384)
- Gaz, De France (360)
- Sonatrach (294)
- U., S. Bureau Of Mines (291)
- American, Petroleum Institute (285)
- Jackson, K. M. (283)
- U., S. Federal Power Commission (275)
- Phillips, Petroleum Co (261)
- U., S. Department Of Energy (257)

[more...](#)

Author affiliation [▲](#) [📄](#)

- Spe (406)
- Gas Research Institute (340)
- Gaz De France (332)
- Inst. Gas Technol. (184)
- Br. Gas Corp. (178)
- Itp (162)
- Southwest Research Institute (162)
- Ruhrgas Ag (157)
- Statoil (136)
- University Of Calgary (135)

[more...](#)

Záznam v podobe citácie

Engineering Village

Search History - Selected Records - My Profile - My Alerts [End Session](#)

Tags + Groups Easy Search Quick Search Expert Search Thesaurus eBook Search Ask an Expert Help

Search Results New Search

Results Manager

Choose format: Citation Abstract Detailed record Clear selected records on new search

View Selections E-Mail Print Download Save to Folder Remove all

Selected Records

- 4 of 4 selected records

Remove 1. NATURAL GAS LIQUEFACTION
[FORG W](#) (LINDE A G); [ETZBACH V](#) Source: [CHEM ENG WORLD V9 N.8 71-74 96-106 \(AUG 1974\)](#), August, 1974
Database: EnCompassLIT

Remove 2. NAPHTHA/NATURAL GAS FEEDSTOCK EXCHANGE
[ROSTRUP-NIELSEN LR](#) (HALDOR TOPSOE INC) Source: [PROCESS TECHNOL INT V17 N.10 757 \(OCT 1972\)](#), October, 1972
Database: EnCompassLIT

Remove 3. Quick takes: Nigeria Liquefied Natural Gas Ltd.'s...
Source: [Oil and Gas Journal](#), v 101, n 12, p 9, March 24, 2003
Database: EnCompassLIT

Remove 4. NATURAL GAS AND ITS LONG-TERM SUPPLY
[SPORTMANS EA](#); [DISTRIGAZ SA](#) Source: [REV. GEN. GAZ. V100 55-59 \(MAY-JUNE 1978\) \(ABSTR.\) GAS ABSTR. ABSTR.NO. 78-1329F V34 N.12 \(DEC. 1978\)](#), May, 1978 Language: French,English
Database: EnCompassLIT

Results Manager

Choose format: Citation Abstract Detailed record Clear selected records on new search

View Selections E-Mail Print Download Save to Folder Remove all

Search Results New Search

Záznam v podobe abstraktu

Selected Records
- 4 of 4 selected records

Remove | 1. **NATURAL GAS LIQUEFACTION**

[FORGW](#) [ETZBACH V](#) **Source:** *CHEM ENG WORLD* V9 N.8 71-74 96-106 (AUG 1974), August, 1974

Author affiliation:
LINDE A G

Abstract: NATURAL GAS LIQUEFACTION The discussion covers the importance of natural gas liquefaction plants forshaving; the storage and transport of LNG; the advantages of methane as a fuel for gas-turbine aircraft drives; the thermodynamic properties of natural gas and its components vapor-pressure curves; the enthalpy-temperature and temperature-entropy diagram of methane; thermodynamic treatment of complex natural gas mixtures; a brief history of the development of liquefaction technology; the criterion for an ideal liquefaction process; the Linde high-pressure process with precooling cycle; the classical cascade process; the closed and open-cascade cycles with mixed refrigerants; cooling with turboexpanders; use of the Stirling cycle for refrigeration; the power supplies for large-scale liquefaction plants; and the power supply of peak-shaving plants. Tables, graphs, flow diagrams, diagrams, and 28 references.

Major terms: [*CONDENSATION](#) - [*COOLING](#) - [*LIQUEFACTION](#) - [*LIQUEFIED NATURAL GAS](#) - [*NATURAL GAS](#) - [*PHASE CHANGE](#) - [*PHYSICAL PROPERTY](#) - [*REFRIGERATION](#) - [*THERMODYNAMIC PROPERTY](#)

Controlled terms: [74-82-8](#) - [CARGO](#) - [CHART](#) - [CLOSED](#) - [COOLANT](#) - [CYCLE](#) - [C1](#) - [DATA CORRELATION](#) - [DRIVE](#) - [EFFICIENCY](#) - [ELECTRIC POWER](#) - [ENERGY SOURCE](#) - [ENTHALPY](#) - [ENTROPY](#) - [EQUILIBRIUM](#) - [FULL SCALE](#) - [GAS EXPANSION](#) - [GAS TURBINE FUEL](#) - [HEAT](#) - [HEAT TRANSFER MEDIUM](#) - [HIGH PRESSURE](#) - [HYDROCARBON](#) - [IN SERIES](#) - [INDUSTRIAL PLANT](#) - [INDUSTRIAL PLANT UTILITIES](#) - [INDUSTRIAL PROCESS](#) - [ISOTHERMAL CONDITION](#) - [JET FUEL](#) - [JOULE THOMSON EFFECT](#) - [METHANE](#) - [MOTOR FUEL](#) - [NATURAL GAS PROCESSING PLANT](#) - [OPEN](#) - [OPERATING CONDITION](#) - [PEAK SHAVING](#) - [PRESSURE](#) - [QUANTITY](#) - [REFRIGERANT](#) - [REFRIGERATED TANK](#) - [SATURATED CHAIN](#) - [SINGLE STRUCTURE TYPE](#) - [SOLUTION](#) - [STORAGE](#) - [STORAGE FACILITY](#) - [TANK](#) - [TEMPERATURE](#) - [TRANSPORTATION](#) - [TURBOEXPANDER](#) - [VAPOR LIQUID EQUILIBRIUM](#) - [VAPOR PRESSURE](#)

CAS registry number(s): [74-82-8](#) (methane)

Uncontrolled terms: [LINDE HIGH PRESSURE NATURAL GAS LIQUEFACTION](#) - [STIRLING CYCLE](#)

Database: EnCompassLIT

Full-text and Local Holdings Links

Remove | 2. **NAPHTHA NATURAL GAS FEEDSTOCK EXCHANGE**

[ROSTRUP, JIM](#) [SEN, L.B.](#) **Source:** *PROCESS TECHNOL INT* V17 N.10 257 (OCT 1972) October, 1972

Detailný záznam

Selected Records
- 4 of 4 selected records

Remove | 1. **Accession number:** 2151956

Title: NATURAL GAS LIQUEFACTION

Authors: [FORGW](#) [ETZBACH V](#)

Author affiliation: LINDE A G

Source: *CHEM ENG WORLD* V9 N.8 71-74 96-106 (AUG 1974)

Issue date: August, 1974

Publication year: 1974

Language: English

Abstract: NATURAL GAS LIQUEFACTION The discussion covers the importance of natural gas liquefaction plants forshaving; the storage and transport of LNG; the advantages of methane as a fuel for gas-turbine aircraft drives; the thermodynamic properties of natural gas and its components vapor-pressure curves; the enthalpy-temperature and temperature-entropy diagram of methane; thermodynamic treatment of complex natural gas mixtures; a brief history of the development of liquefaction technology; the criterion for an ideal liquefaction process; the Linde high-pressure process with precooling cycle; the classical cascade process; the closed and open-cascade cycles with mixed refrigerants; cooling with turboexpanders; use of the Stirling cycle for refrigeration; the power supplies for large-scale liquefaction plants; and the power supply of peak-shaving plants. Tables, graphs, flow diagrams, diagrams, and 28 references.

Major terms: [*CONDENSATION](#) - [*COOLING](#) - [*LIQUEFACTION](#) - [*LIQUEFIED NATURAL GAS](#) - [*NATURAL GAS](#) - [*PHASE CHANGE](#) - [*PHYSICAL PROPERTY](#) - [*REFRIGERATION](#) - [*THERMODYNAMIC PROPERTY](#)

Controlled terms: [74-82-8](#) - [CARGO](#) - [CHART](#) - [CLOSED](#) - [COOLANT](#) - [CYCLE](#) - [C1](#) - [DATA CORRELATION](#) - [DRIVE](#) - [EFFICIENCY](#) - [ELECTRIC POWER](#) - [ENERGY SOURCE](#) - [ENTHALPY](#) - [ENTROPY](#) - [EQUILIBRIUM](#) - [FULL SCALE](#) - [GAS EXPANSION](#) - [GAS TURBINE FUEL](#) - [HEAT](#) - [HEAT TRANSFER MEDIUM](#) - [HIGH PRESSURE](#) - [HYDROCARBON](#) - [IN SERIES](#) - [INDUSTRIAL PLANT](#) - [INDUSTRIAL PLANT UTILITIES](#) - [INDUSTRIAL PROCESS](#) - [ISOTHERMAL CONDITION](#) - [JET FUEL](#) - [JOULE THOMSON EFFECT](#) - [METHANE](#) - [MOTOR FUEL](#) - [NATURAL GAS PROCESSING PLANT](#) - [OPEN](#) - [OPERATING CONDITION](#) - [PEAK SHAVING](#) - [PRESSURE](#) - [QUANTITY](#) - [REFRIGERANT](#) - [REFRIGERATED TANK](#) - [SATURATED CHAIN](#) - [SINGLE STRUCTURE TYPE](#) - [SOLUTION](#) - [STORAGE](#) - [STORAGE FACILITY](#) - [TANK](#) - [TEMPERATURE](#) - [TRANSPORTATION](#) - [TURBOEXPANDER](#) - [VAPOR LIQUID EQUILIBRIUM](#) - [VAPOR PRESSURE](#)

Uncontrolled terms: [LINDE HIGH PRESSURE NATURAL GAS LIQUEFACTION](#) - [STIRLING CYCLE](#)

CAS registry number(s): [74-82-8](#) (methane)

Class codes: [LIQUEFIED GASES](#) - [TRANSPORTATION AND STORAGE](#)

Linked Terms: [Open all linked terms view](#) +

Database: EnCompassLIT

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V spodnej časti rešerše je ponúknutá možnosť ďalšej práce s vybranými záznamami. Ide o:

- prezretie výberu,
- zaslanie výberu na e-mail,
- vytlačenie výberu,
- stiahnutie výberu,
- uloženie do adresára.

The screenshot displays the EnCompassLIT search results page. It features a list of search results on the left, a 'Results Manager' section at the bottom, and a list of source titles on the right. The 'Results Manager' section includes a 'Choose format' dropdown menu and a row of action buttons: 'View Selections', 'E-Mail', 'Print', 'Download', and 'Save to Folder'. The 'View Selections' button is highlighted with a red box. The search results list includes entries such as 'COLUMBIA GAS (SYSTEMS INC.) SWITCHES TO CNG ((COMPRESSED NATURAL GAS)) TO LOWER COSTS, RAISE EFFICIENCY' and 'Quick takes: Sharn Rete Gas...'. The source titles list includes 'Oil & Gas Journal (21597)', 'Oil And Gas Journal (10923)', 'Hydrocarbon Processing (5396)', 'Petroleum Economist (5005)', 'Petroleum Review (3796)', 'Acs National Meeting Book Of Abstrac (3714)', 'Chemical Engineering (3647)', 'Federal Register (3618)', 'Chemical Engineering Science (3603)', and 'Journal Of Catalysis (3577)'. The 'Publisher' section is partially visible at the bottom right.

Literatúra:

- [1] Rešetová, K. – Prelovská, A. Navigácia v informačných zdrojoch.
Trnava: AlumniPress, 2010.
- [2] www.engineeringvillage.com

Spracoval: Slovenská technická univerzita
Materiálovotechnologická fakulta v Trnave
Odbor poznatkového manažmentu
2012

