



Engineering Village

Compendex

Gerente da conta: Ana Luisa Maia

(a.maia@elsevier.com)

Consultores de Produtos:

Compendex (EngineeringVillage):

Luiz Baginski (l.baginski@elsevier.com)

Scopus: Thais Vick (t.vick@elsevier.com)

ScienceDirect, **Mendeley**:

Sergio Vidal (sergio.vidal@elsevier.com)

Embase: Lilian Paiva (l.paiva.1@elsevier.com)

Treinamentos: Aline Bastos (a.b.silva@elsevier.com)





ELSEVIER

Produtos Elsevier (Portal CAPES)

Compendex (EngineeringVillage)

<http://engineeringvillage.com>

<https://www.elsevier.com/engineeringvillage>

Scopus

<http://scopus.com>

<https://www.elsevier.com/scopus>

ScienceDirect

<http://sciencedirect.com>

<https://www.elsevier.com/sciencedirect>

Mendeley

<http://mendeley.com>

<https://www.elsevier.com/mendeley>

Embase

<http://embase.com>

<https://www.elsevier.com/embase>



Quem é e o quê faz a Elsevier?

<http://elsevier.com>

- ✓ Líder mundial em informação e estudos da ciência e medicina.
- ✓ Mais de 140 anos de atividades editoriais
- ✓ 7.000 sócios editoriais (revistas), 70.000 membros de conselhos editoriais, 30.000 revisores e 600.000 autores
- ✓ 7.000 funcionários 24 países.

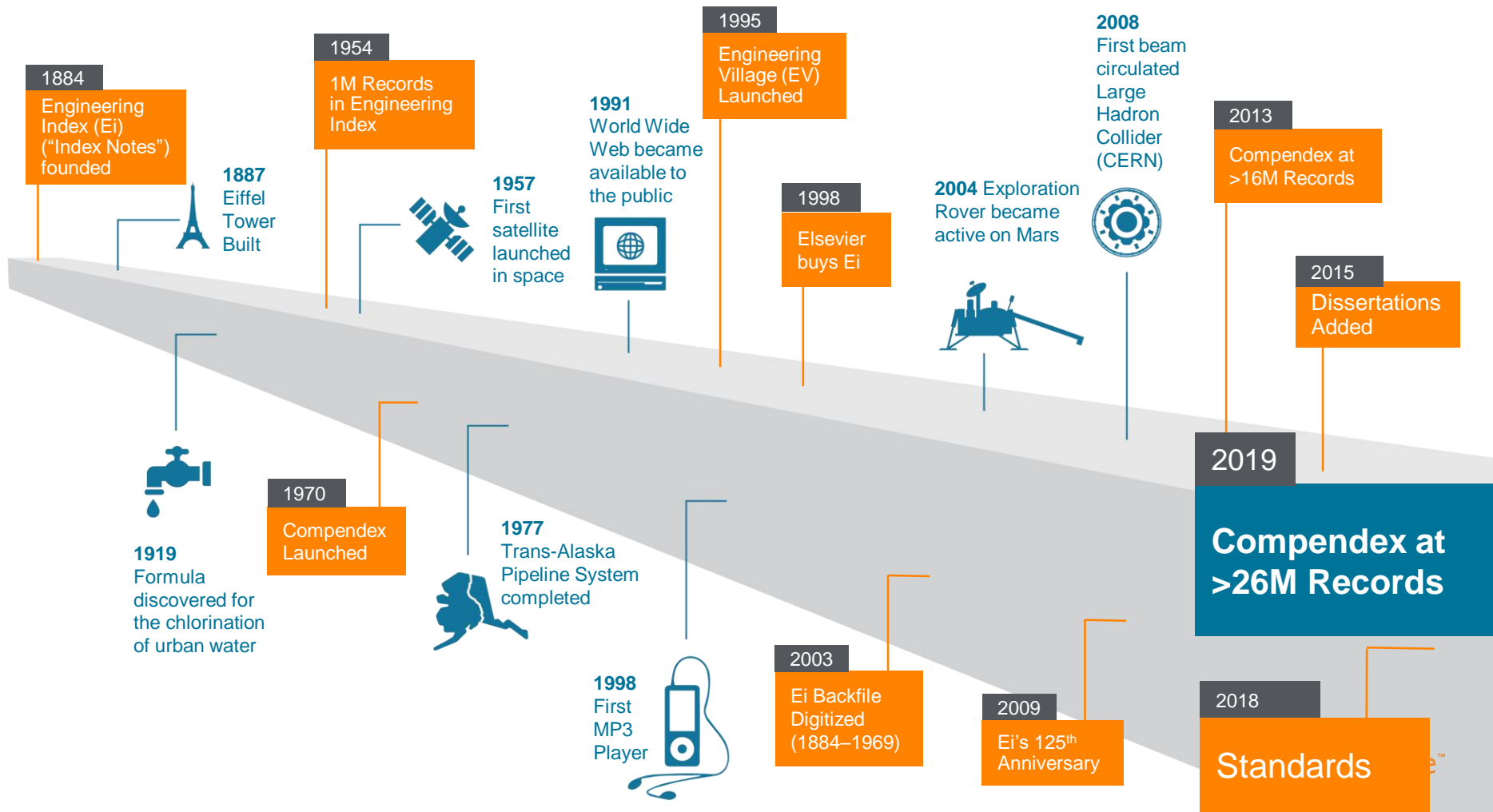
Provedor Global de Informação Analítica
especializado em Ciência e Saúde

Information Analytics, uniting Content & Technology

Ei & Engineering Village Milestones

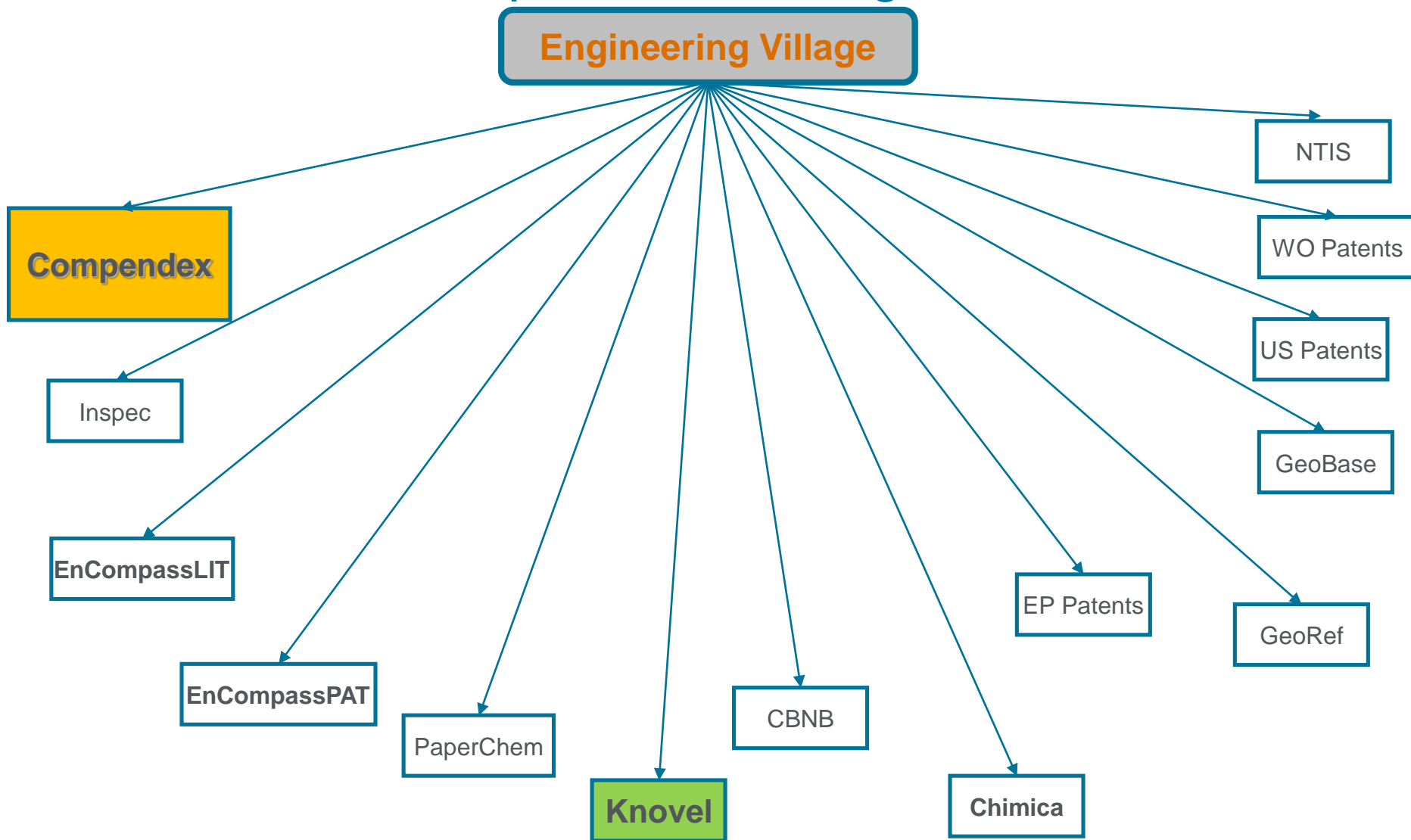
Ei and Engineering Village are established brands

135 years of indexing engineering literature



Engineering Village (14 bases de dados)

uma única plataforma de grande alcance



Compendex Conteúdo

Mais de 27 milhões de registros (19M — 1970–Present) (1.78M — 1884–1969 Ei Backfile)

Adição **>1,5M Registros** Anualmente

Mais de **6,4M Documentos Conf**

1.264 Revistas de Articles-in-Press **117** Revistas de Mercado **333** OpenAccess

35.000 Livros
179.000 capítulos

>2.200 Editores Internacionais de **77** Países

Amplitude: **Mais de 190 Disciplinas das Engenharias**

Mais de **3.800** Revistas Avaliadas por pares

Atualização Semanal

Mais de **190.000** Teses/Dissertações

Documentos de **110.000** Eventos

Informação Seleccionada e Indexada por Especialistas Temáticos

Mais de **15M** de artigos de revistas Científicas

Normas Técnicas (Standards)

IEEE, ASTM, SMPTE, ASCE, AIAA, SAE (>180.000)

Engineering Village™

Um ponto central de descoberta



ACS
Chemistry for Life® 540 K



272 K



15 K



15 K



Association for Computing Machinery

292 K



> 10 Million



18 K



130 K



18 K



33 K



488 K



nature publishing group

24 K



5.2 M



126 K



1.2 M

Qualidade, Diversidade, Relevância e Aptitude

1. Conteúdo Estabelecido:

Top Publishers

Livros,
Teses
Dissertações



2. Conteúdo Histórico, Inovador:

Artigos Científicos



3. Conteúdo Aplicado:

Normas Técnicas

Top Standards



Tesouro Ei (Engineering Index)

(vocabulário controlado especializado – Engenharia)
Criado em 1884 – em permanente atualização

De 22K para 25M

Garantia de:

PRECISÃO
AGILIDADE
RELEVÂNCIA

11.218

PREFERRED
TERMS

9.964

NON-PREFERRED
TERMS

13.201

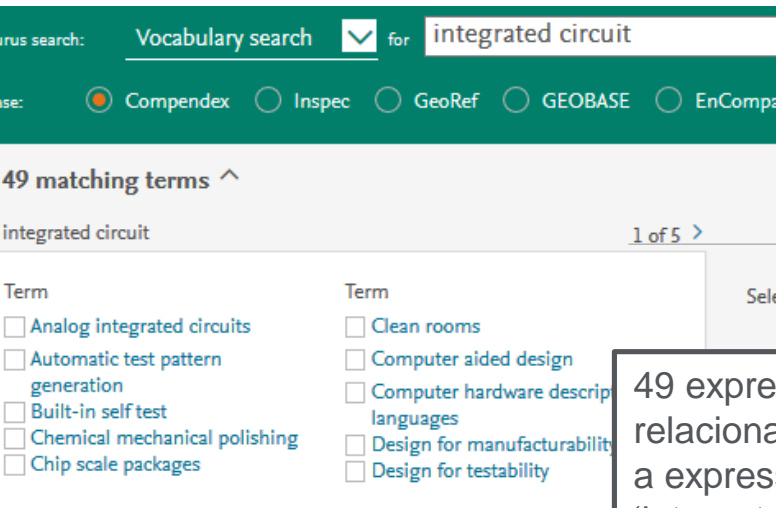
BT
RELATIONSHIPS

17.824

RT
RELATIONSHIPS

859

CLASSIFICATION
CODES



49 expressões relacionadas com a expressão 'integrated circuit'

22.041

TOTAL TERMS

Filtro Numérico - COMPENDEX

Design and testing of 45 kV, 50 kHz pulse power supply discharges

Sharma, Surender Kumar¹ ✉; Shyam, Anurag¹

Source: *Review of Scientific Instruments*, v 87, n 10, October 1, 2016; **ISSN:** 10.1063/1.4964507; **Article number:** 105115; **Publisher:** American Institute of Physics

Author affiliation:

¹ EandED, Bhabha Atomic Research Center, Visakhapatnam, India

Abstract:

The design, construction and testing of the power supply is to and has the advantage. The power supply can with 1.2 kW input power are less than 2 μ s and plasma load conditions intermediate capacitor pulses. Semiconductor supply is tested with performance of the power supply (6 refs)

Optical receivers in 0.35 μ m BiCMOS technology

Milovancev, Dinka¹ ✉; Brandl, Paul¹ ✉; Zimmermann, Horst¹ ✉

Source: *Formal Proceedings of the 2016 IEEE International Symposium on Design and Diagnostics of Electronic Circuits and Systems, DDECS 2016, May 2016*, p 1-4; **ISSN:** 9781509024674; **DOI:** 10.1109/DDECS.2016.7544441; **Article number:** 7544441; **Publisher:** Institute of Electrical and Electronics Engineers Inc.

Author affiliation:

¹ Institute of Electrodynamics, Microwave and Photonic Technology, University of Applied Sciences, 38100 Salzgitter, Germany

Abstract:

Developing paradigm in high speed communication systems designed on standard silicon wafers - and its advantages of 3D integration and presents a new technology. The first is a 10 Gbit/s regulated cascode (RC) based receiver for optical communications and the second is a 200 Mbit/s TIA for monitoring the operating point of the photonic ring modulator. © 2016 IEEE. (10 refs)

Wind survival strategy for a large point focusing solar collector: Analytical results of a 71 m/s (160 mph) gust study

Bilodeau, E.A.¹; Dumin, J.E.¹; Rogers, W.E.¹

Source: *American Society of Mechanical Engineers, Solar Energy Division (Publication) SED*, p 477-482, 1989; **Conference:** Solar Engineering 1989 - Proceedings of the Eleventh Annual ASME Solar Energy Conference, April 2, 1989 - April 5, 1989; **Sponsor:** ASME, Solar Energy Div, New York, NY, USA; **Publisher:** American Soc of Mechanical Engineers (ASME)

Author affiliation:

¹ American Society of Mechanical Engineers, 1115 North 17th Street, Washington, DC 20036, USA

Millimeter-scale traveling wave rotary ultrasonic motors

Rudy, Ryan Q.^{1,2} ✉; Smith, Gabriel L.¹ ✉; DeVoe, Don L.² ✉; Polcawich, Ronald G.¹ ✉

Source: *Journal of Microelectromechanical Systems*, v 24, n 1, p 108-114, February 1, 2015; **ISSN:** 10577157; **DOI:** 10.1109/JMEMS.2014.2317778; **Article number:** 6825800; **Publisher:** Institute of Electrical and Electronics Engineers Inc.

Author affiliation:

¹ Sensors and Systems, Intel Corporation, 2200 Mission College Blvd, Santa Clara, CA 95052, USA

Novel MEMS 900 MHz electrostatic silicon delay line

Tabib-Azar, Massood¹ ✉; Alzoubi, Khawla²; Saab, Daniel²

Source: *Proceedings of IEEE Sensors, p 205-207, 2010, IEEE Sensors 2010 Conference, SENSORS 2010*; **ISSN:** 19300395; **E-ISSN:** 21689229; **ISBN-13:** 9781424481682; **DOI:** 10.1109/ICSENS.2010.5690425; **Article number:** 5690425; **Publisher:** Institute of Electrical and Electronics Engineers Inc.

Author affiliations:

¹ ECE and Bioengineering Departments, University of Utah, Salt Lake City, UT 84112, United States

² EECS Dept., Case Western Reserve University, Cleveland, OH 44106, United States

Abstract:

We report design, fabrication and operation of a silicon acoustic delay line suitable for low voltage (1-5 V) and high-frequency (10 MHz-10 GHz) operations and implementation of signal processing and transversal filters. The acoustic waves in these delay lines were generated electrostatically using a periodic electrode that was coupled through a 1-20 nm air-gap to a slab of a polysilicon region. The propagating acoustic waves were detected using a dc-biased identical electrode array situated 0.7 cm away from the first array along the polysilicon slab. Depending on biasing conditions, our devices resonated at 301 MHz or at 903 MHz (the third harmonic). ©2010 IEEE. (6 refs)

periment at
Australia for placing
the design for the
cal wind loading
ugh upon
ulation of critical

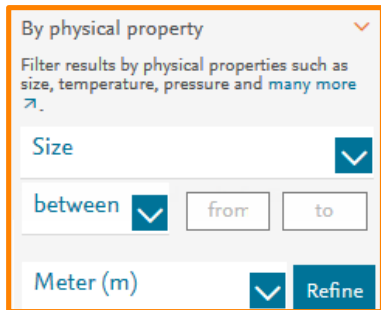
Padronização de medidas – Sistema Internacional

63 ft = 63 feet = 63 foot = 21
yards = 21 yard = 21 yd = 19
meters = 19 metres = 19 m =
1920 centimeters = 1920 centi-
meters = 1920 centimetres =
1920 centi-metres = 1920 cm

SI Units	
Quantity Measured	Unit (symbol)
Size	Meter (m)
Mass	Kilogram (kg)
Time	Second (s)
Electric Current	Amper (A)
Temperature	Kelvin (K)
Amount of Substance	Mole (m)
Luminous intensity	Candela (cd)

Filtro Numérico – a prática –

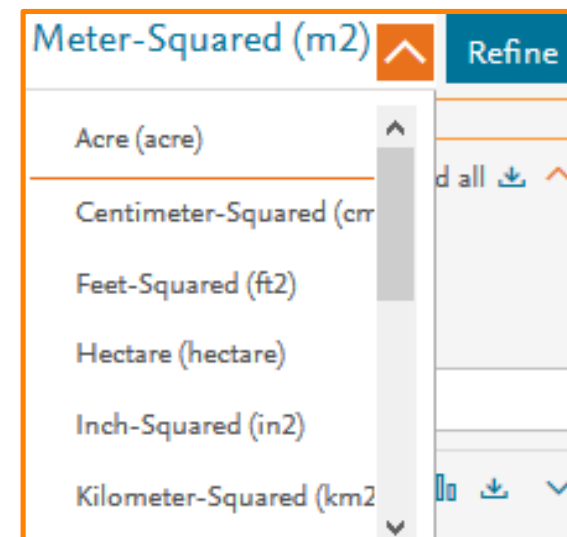
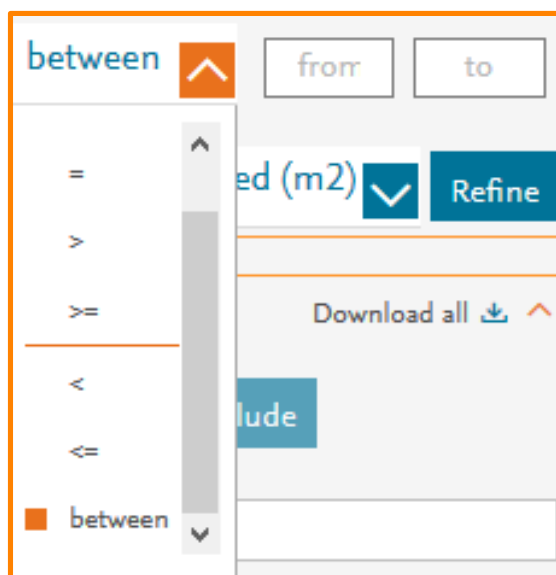
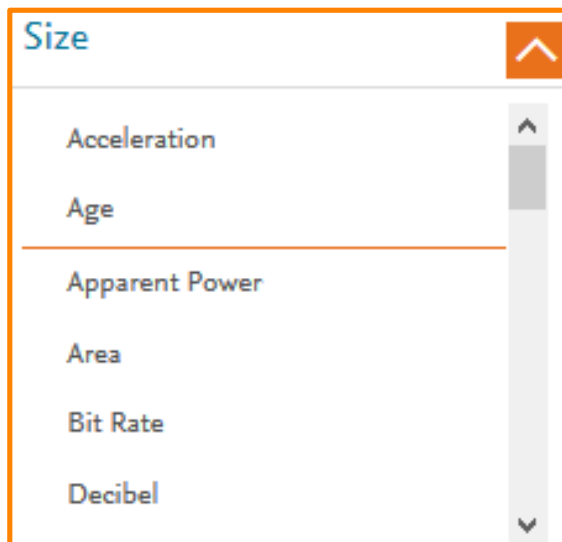
Propriedade Física / Unidade / Valor



Propriedade Física

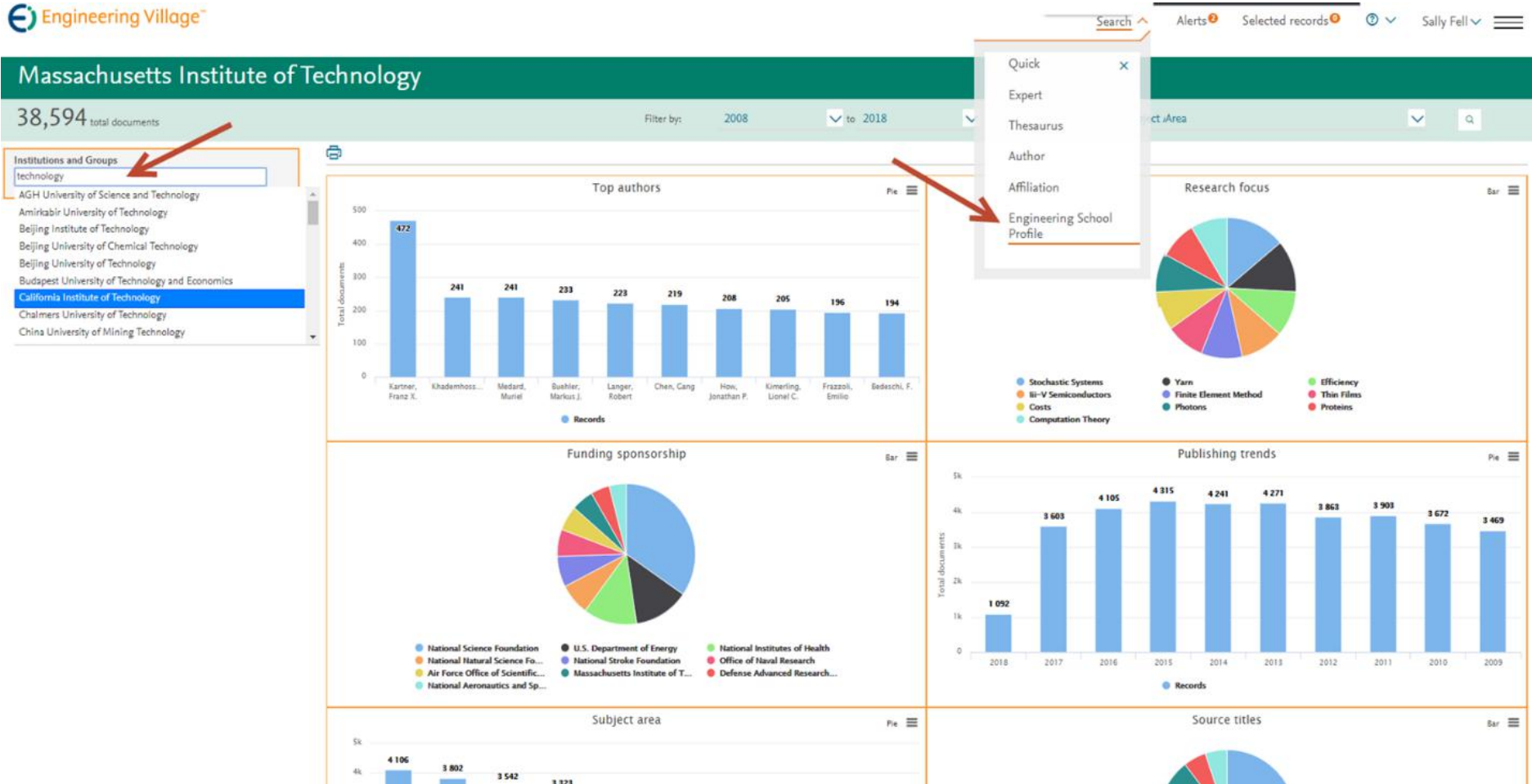
Operador e Valor

Unidade



Research School Profile

- Number of documents
- Top Authors
- Subject areas
- Research focus
- Source titles
- Funding sources
- Published in last past 10 years



Compendex – Página de Informação Adicional

<http://elsevier.com/engineeringvillage>



Engineering Village™
First choice for serious engineering research

[Contact Sales](#) > [Login to Engineering Village](#)



Who uses



Content



Features



Learn & Support



Resource Library

- Lista de revistas
- Folheto de fatos / características
- Política de uso
- Tesaurus
- Kit de apoio

About Engineering Village

Engineering Village takes engineering research to the next level with a comprehensive database that includes the most authoritative engineering resources available to answer today's most timely questions—from theoretical to applied, and basic to

How Engineering Village Works



Página de Informação – Kit de conteúdo para a Biblioteca

Engineering Village Librarian Toolkit

Build your own toolkit. Select from the items below to create a promotional and training plan that works best for your institution and is based on your subscribed database(s).



<https://blog.engineeringvillage.com/topics/librarian-toolkit>

Engineering Village branded resources:



New Engineering Village Librarian Toolkit Page

Engineering Village Blog

Engineering Village

<http://blog.engineeringvillage.com/webinars>

Webinars

Register for Engineering Village monthly webinars. Please contact us to request webinar topics.

- Material para treinamento
- Registro em Webinars
- Videos
- Contato com o suporte

- Novidades e atualizações do serviço
- Assine e receba a Newsletter
- Receba notificações de Webinars

Acesso à Plataforma **Engineering Village** base de dados **Compendex**

Página do **Portal de Periódicos da CAPES**

<http://periodicos.capes.gov.br>

Buscar base
= 'compendex'

Portal de
Periódicos
CAPES/MEC

Acesso livre

PÁGINA INICIAL > BUSCA > BUSCAR BASE

.periodicos.

CAPES

BUSCA

Buscar assunto

Buscar periódico

Buscar livro

Buscar base

INSTITUCIONAL

Histórico

Buscar base

(Selecione uma das opções abaixo)

Busca por título Busca por área do conhecimento Busca avançada

ABCDEF GHIJKLMN OPQRSTU VWXYZ Outro(a) | VER TODAS

Palavra no título:

compendex

Contém a palavra Inicia com a palavra Palavra exata

Enviar Limpar

Plataforma de busca EngineeringVillage



Search ▾ Alerts ²⁵ Selected records ⁰ ? ▾ Luiz Baginski ▾ ☰

Quick search

Search in: All fields for

AND ▾ All fields for

AND ▾ All fields for

OR ▾ All fields for

NOT ▾ All fields for

All fields
 Subject/Title/Abstract
 Abstract
 Author
 Author affiliation
 Title

My organization X

Elsevier - Demonstration Account, ** Elsevier Juniper IP ** (Dayton)

Change Organization

Remote Access Activation

Logout

Turn off AutoSuggest | + Add search field | Reset form

Databases ^ Date ▾ Language ▾ Document type ▾ Sort by ▾ Browse indexes ▾ Autostemming ▾ Discipline ▾ Treatment ▾

- All
- Compendex
- Inspec
- NTIS
- PaperChem
- Chimica
- CBNB
- EnCompassLIT
- EnCompassPAT
- GEOBASE
- GeoRef
- US Patents
- EP Patents
- Knovel

Exemplo de busca:

1. Pontes de concreto (bridges and concrete – 41.973)
2. para trens (railroad),
3. com extensão maior que 4 quilômetros (size \geq 4km)

Quick search: All fields



for

bridges and concrete

Turn off AutoSuggest

Databases ^

Date ▾

Language ▾

Document type ▾

Sort by ▾

Browse indexes ▾

Auto

39487 records found in Compendex for 1884-2018: ((bridges and concrete) WN All fields)

Alert Save RSS

Refine <<

Numeric filter ⓘ ▾

By category

Download all ⬇ ⬆

Limit to

Exclude

1. **Impact in highway prestressed concrete bridges**Wang, T.L. (Florida Intl Univ, Miami, United States); Shahawy, M.; Huang, D
525-534, Jul 17 1992

Database: Compendex

Detailed

Show preview ▾

Cited by in Scopus (15)

Full text ↗

Numeric filter ⓘ ▾

Refine results

Limit to

Exclude

Add a term

Controlled vocabulary

ⓘ ⬇ ▾

Author

ⓘ ⬇ ▾

Author affiliation

ⓘ ⬇ ▾

Classification code

ⓘ ⬇ ▾

Country

ⓘ ⬇ ▾

Document type

ⓘ ⬇ ▾

Language

ⓘ ⬇ ▾

Year

ⓘ ⬇ ▾

Source title

ⓘ ⬇ ▾

Publisher

ⓘ ⬇ ▾

Funding sponsor

ⓘ ⬇ ▾

Exemplo de busca:

1. Pontes de concreto (bridges and concrete – 41.973)
2. para trens (railroad, bridges – 924),
3. com extensão maior que 4 kilometros (size >= 4km)

Engineering Village™
The first choice for serious engineering research.

Search Results Alerts 25 Selected records 0 Luiz Baginski

Numeric filter

Refine results

Limit to Exclude

Add a term

Controlled vocabulary

- Bridges (8551)
- Concretes (7928)
- Reinforced Concrete (7100)
- Concrete Bridges (5096)
- Concrete Construction (4854)

View all >

Author

Author affiliation

Classification code

Country

1. **New trends in**
Virlogeux, M. (24)
Database: Com
Detailed Show p

2. **Impact in high**
Wang, T.L. (Florida
1992)
Database: Com
Detailed Show p

3. **Impact in high**
Wang, T.L.; Shaha
Database: Com
Detailed Show p

4. **Preferred Con**
Rossner, Wolfgang
Stahlbetonbau, v 8

Controlled vocabulary

<input type="checkbox"/> Bridges (8551)	<input type="checkbox"/> Design (1502)	<input type="checkbox"/> Computer Simulation (1003)
<input type="checkbox"/> Concretes (7928)	<input type="checkbox"/> Concrete Buildings (1486)	<input type="checkbox"/> Columns (Structural) (997)
<input type="checkbox"/> Reinforced Concrete (7100)	<input type="checkbox"/> Concrete Slabs (1380)	<input type="checkbox"/> Cables (930)
<input type="checkbox"/> Concrete Bridges (5096)	<input type="checkbox"/> Seismology (1331)	<input type="checkbox"/> Deformation (910)
<input type="checkbox"/> Concrete Construction (4854)	<input type="checkbox"/> Fiber Reinforced Plastics (1327)	<input type="checkbox"/> Concrete Testing (901)
<input type="checkbox"/> Finite Element Method (3893)	<input type="checkbox"/> Tubular Steel Structures (1287)	<input type="checkbox"/> Prestressing (899)
<input type="checkbox"/> Bridge Decks (3485)	<input type="checkbox"/> Corrosion (1282)	<input checked="" type="checkbox"/> Railroad Bridges (868)
<input type="checkbox"/> Structural Design (5237)	<input type="checkbox"/> Building Materials (1221)	<input type="checkbox"/> Structural Health Monitoring (868)
<input type="checkbox"/> Concrete Beams And Girders (3119)	<input type="checkbox"/> Cable Stayed Bridges (1201)	<input type="checkbox"/> Composite Beams And Girders (861)
<input type="checkbox"/> Prestressed Concrete (2638)	<input type="checkbox"/> Steel (1191)	<input type="checkbox"/> Piers (859)
<input type="checkbox"/> Bridges, Concrete (2386)	<input type="checkbox"/> Stiffness (1188)	<input type="checkbox"/> Composite Bridges (855)
<input type="checkbox"/> Beams And Girders (2308)	<input type="checkbox"/> Steel Bridges (1158)	<input type="checkbox"/> Fibers (854)
<input type="checkbox"/> Reinforcement (2169)	<input type="checkbox"/> Mathematical Models (1153)	<input type="checkbox"/> Damage Detection (852)
<input type="checkbox"/> Arch Bridges (2107)	<input type="checkbox"/> Durability (1141)	<input type="checkbox"/> Bridges, Highway (838)
<input type="checkbox"/> Cracks (2073)	<input type="checkbox"/> Repair (1125)	<input type="checkbox"/> Reinforced Plastics (837)
<input type="checkbox"/> Structural Analysis (1826)	<input type="checkbox"/> Precast Concrete (1108)	<input type="checkbox"/> Ductility (836)
<input type="checkbox"/> Maintenance (1800)	<input type="checkbox"/> Compressive Strength (1089)	<input type="checkbox"/> Concrete Reinforcements (835)
<input type="checkbox"/> Civil Engineering (1725)	<input type="checkbox"/> Earthquakes (1086)	<input type="checkbox"/> Nondestructive Examination (828)
<input type="checkbox"/> Box Girder Bridges (1627)	<input type="checkbox"/> Bridge Piers (1078)	<input type="checkbox"/> Chlorine Compounds (804)
<input type="checkbox"/> Highway Bridges (1531)	<input type="checkbox"/> Arches (1039)	

< View less

Limit to Exclude

Exemplo de busca:

1. Pontes de concreto (bridges and concrete – 41.973)
2. para trens (railroad, bridges – 924),
3. com extensão maior que 4 quilômetros (size \geq 4km)

868 records found in Compendex for 1884-2018: (1 of 35 pages >)

Create alert Save search RSS feed Display: 25 Sort on: Relevance

Numeric filter

- Size
- Kilometer (km)
- Greater or equal
- 4
- Continue

Operator

- Operator
- Equals
- Greater than
- Greater or equal
- Less than
- Less or equal

Select unit

- Centimeter (cm)
- Foot (ft)
- Inch (in)
- Kilometer (km)
- Meter (m)

Refine results

Limit to Exclude

Add a term

Controlled vocabulary

- Reinforced Concrete (344)
- Concrete Bridges (287)
- Concretes (261)
- Railroads (217)
- Concrete Construction (186)

View all >

1. Evaluation
Davis, Allan
Database: Scopus
Detailed

2. Pretensioned prestressed concrete beam bridges and industrial structures
Passeman, Pierre (CERIB, Epernon, France); Doan, Van-Tho; Boyer, Philippe
Database: Scopus
Detailed

3. Life-cycle performance of fiber reinforced concrete
Grace, Nabil
Database: Scopus
Detailed

4. Seismic performance of concrete bridges

Exemplo de busca:

1. Pontes de concreto (bridges and concrete – 41.973)
2. para trens (railroad, bridges – 924),
3. com extensão maior que 4 kilometros (size \geq 4km – 27)

27 records found in Compendex for 1884-2018: ((bridges and concrete) WN ALL) × + {railroad bridges} WN CV × + (NU_SIZE GTE 4 km) ×

1 of 2 p

🔔 Create alert 📄 Save search 📡 RSS feed Display: 25 ▾ results per page

Sort on: Relevance

Numeric filter ⓘ

Size ▾

Kilometer (km) ▾

Greater than ▾

4

Continue

n-Geogje fixed link: Concrete durability design for the bridges and tunnels

dsen, C.K. (COWI, Lyngby, Denmark); Jeong, S.-K.; Kim, J.-C.; Lee, G.-M. Source: Proceedings of the 3rd International Conference on Bridge Maintenance, Safety and Management - Maintenance, Safety, Management, Life-Cycle Performance and Cost, p 827-828, 2006, Proceedings of the 3rd International Conference on Bridge Maintenance, Safety and Management - Bridge Maintenance, Safety, Management, Life-Cycle Performane and Cost

ase: Compendex

ed Show preview ▾

Check Local Full-text

orrey's Linea 2 extension viaduct in monterre

nde, Juan José Goñi (Garcia Bridge Engineers, Tallahassee

the PCI Annual Convention and Bridge Conference: Think Globally,

and Bridge Conference: Think Globally, Build Locally, Proceedings

Database: Compendex

Detailed Show preview ▾

Check Local Full-text

3. Long-term seismic performance of reinforced con

Ou, Yu-Chen (Department of Construction Engineering, Nation

Earthquake Engineering and Structural Dynamics, v 42, n 14, p 211

Database: Compendex

Detailed Show preview ▾

Cited by in Scopus (14)

Full te

Processo de filtragem:

0. 25.000.000

1. 41.973

2. 924

3. 27



Visualização de um registro

PlumX Metrics

See details

Usage
Abstract Views: 1

Captures
Readers: 2

Citations
Citation Indexes: 2

Metrorrey's linea 2 extension viaduct: A revolution for light-rail precast concrete segmental bridges

Baamonde, Juan José Goñi¹; Garcia, Antonio M.¹; Benitez¹

Source: *PCI Journal*, v 54, n 4, p 175-188, Fall 2009; ISSN: 08879672; DOI: 10.15554/pcij.09012009.175.188; Publisher: Precast/Prestressed Concrete Institute

Author affiliation : ¹ Depa

Abstract: Metro of Monte includes a revolutionary co 37-m-long (121 ft), 9.2-m structure envelope, which structural reinforcement p bridges typically contain c and longitudinal internal t light-rail bridges. (5 refs)

Main heading: Precast co

Controlled terms: Box gir

Uncontrolled terms: Grea

Classification code: 401.1

Database: Compendex

Linda Hall Library docum

- Dados Bibliográficos
Título, Autor, Resumo
Vocabulário
Controlado - Tesouro
Não Controlado – Palavras-chave
- Link ao texto completo
- Referências bibliográficas
- Documentos relacionados
- Métricas
Científicas/Citações (Scopus)
Não Científicas Redes Sociais (PlumX)
- Exportação Citação
Dados bibliográficos, Gestores - *Mendeley*

- Related Documents**
- Dynamic test and analysis of curved concrete bridges**
Huang, Dongzhou
(2005) *Transportation Research Record of the Board of National Research Council*
Database: Compendex
 - Dynamic tests of curved concrete bridges**
Rodrigues, Jorge ; Ledesma, Maíra
(2014) *Proceedings of the International Conference on Structural Dynamic*, EUROODYN
Database: Compendex
 - Experimental research on noise reduction of concrete box-girder bridges on in**
Li, Xiaozhen ; Zhang, Xun ; Zhang, Xun
(2015) *Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit*
Database: Compendex

- Tools in Scopus**
- This article has been cited **2 times**
- Wu, X.; Liu, X.
 - Cause analysis and preventive measures for longitudinal cracks in bottom slab of concrete box-girder bridges**
(2011) 2011 International Conference on

Ei & Engineering Village Milestones

Ei and Engineering Village are established brands

