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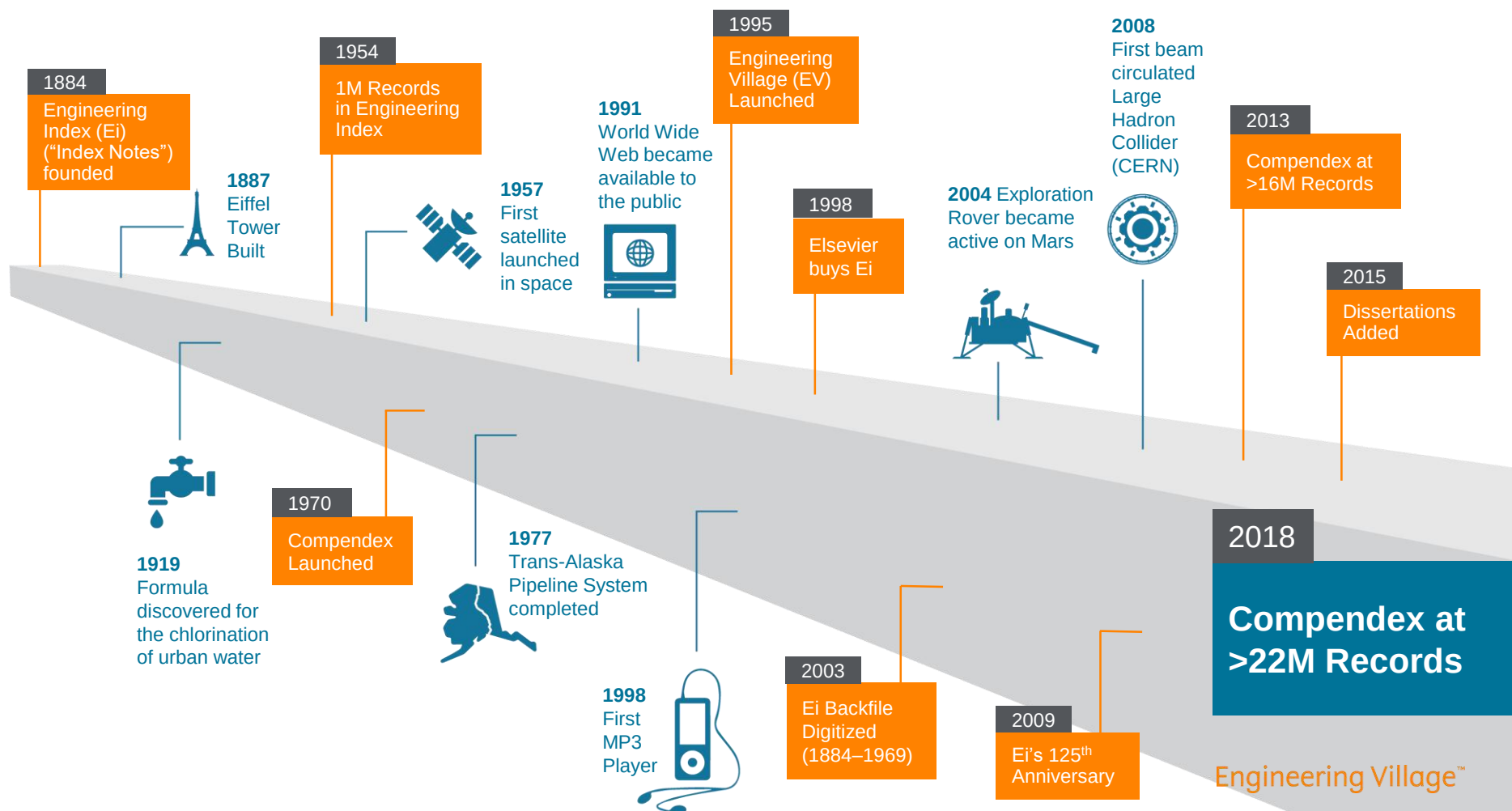
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CODES

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TOTAL TERMS

49 expressões
relacionadas com
a expressão
'integrated circuit'

Search: Vocabulary search for integrated circuit

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49 matching terms ^

integrated circuit 1 of 5 >

Term	Term
☐ Analog integrated circuits	☐ Clean rooms
☐ Automatic test pattern generation	☐ Computer aided design
☐ Built-in self test	☐ Computer hardware description languages
☐ Chemical mechanical polishing	☐ Design for manufacturability
☐ Chip scale packages	☐ Design for testability

Filtro Numérico - COMPENDEX

Design and testing of 45 kV, 50 kHz pulse power supply for 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 a pulse power supply is to and has the advantage of being compact and easy to use. The power supply can operate with 1.2 kW input power and the output pulses are less than 2 μ s and plasma load conditions intermediate capacitor pulses. Semiconductor devices in the power supply is tested with good 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; **ISSN:** 9781509024674; **DOI:** 10.1109/DDECS.2016.7509024; **Publisher:** Institute of Electrical and Electronics Engineers Inc.

Author affiliation:

¹ Institute of Electrodynamics, Microwave Electronics and Photonics, University of Duisburg-Essen, Germany

Abstract:

Developing paradigm in high speed communication systems designed on standard silicon wafers - and the 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:** Publ by American Soc of Mechanical Engineers (ASME)

Author affiliation:

¹ National Renewable Energy Laboratory, Golden, CO, 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, University of Michigan, Ann Arbor, MI, USA

² Mechanical Engineering, University of Michigan, Ann Arbor, MI, 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)

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Padronização de medidas – Sistema Internacional

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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 / Unidade / Valor

Numeric Filter ⓘ

Size ▾

Foot (ft) ▾

Equals ▾ 63

Continue

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Filter ⓘ

Select type ▾

- Energy
- Force
- Frequency
- Inductance
- Luminance
- Magnetic Field Strength
- Magnetic Flux Density
- Mass
- Mass Density
- Mass Flow Rate
- Molar Concentration
- Percentage
- Power
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- Rotational Speed
- Size**
- Specific Energy
- Specific Surface Area
- Surface Charge Density
- Surface Density

Continue

Unidade

Numeric Filter ⓘ

Size ▾

Foot (ft) ▾

Select unit

- Centimeter (cm)
- Foot (ft)**
- Inch (in)
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- Micrometer (μm)
- Mile (miles)
- Millimeter (mm)
- Nanometer (nm)
- Picometer (pm)
- Yard (yd)

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Luiz Baginski

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bridges and concrete



Suggested terms: ?

Reinforced Concrete

Concretes

Bridge Decks

Finite Element Method

Concrete Construction

Databases ^

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Language ▾

Document type ▾

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Sugestões de Refino

40952 records found in Compendex for 1884-2019: ((bridges and concrete) WN All fields)

1 of 1639 pages >

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Document type



Author



ends in prestressed concrete bridges

M. (24 Rue de la Division Leclerc, 78-830 Bonnelles, France) Source: Transportation Research Record, v 1, n 1696, p 238-272, 2000

Compendex

Document type: Conference article (CA)

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2. ☐ Impact in highway prestressed concrete bridges

Wang, T.L. (Florida Intl Univ, Miami, United States); Shahawy, M.; Huang, D.Z. Source: Computers and Structures, v 44, n 3, p 525-534, Jul 17 1992

Database: Compendex

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Date (Newest)

Author (A-Z)

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Source (A-Z)

1. ☐ New trends in prestressed concrete bridges

Virlogeux, M. (24 Rue de la Division Leclerc, 78-830 Bonnelles, France) Source: *Transportation Research Record*, v 1, n

Database: Compendex

Document type: Conference article (CA)

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An overview of the recent evolution in the design and construction of prestressed concrete bridges worldwide is provided. Trends are evidenced. Certainly those trends that have had greater influences on the industry because of their wide applications are the development of external prestressing, which is now systematically used in some countries for medium-span bridges; the emergence of high-performance concrete,...(8 more search terms)

2. ☐ Impact in highway prestressed concrete bridges

Wang, T.L. (Florida Intl Univ, Miami, United States); **Shahawy, M.**; **Huang, D.Z.** Source: *Computers and Structures*, v 44, n 3, p 525-534, Jul 17 1992

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3. ☐ Impact in highway prestressed concrete bridges

Wang, T.L.; **Shahawy, M.**; **Huang, D.Z.** Source: *Computers and Structures*, v 44, n 3, p 525-534, Jul 17 1992

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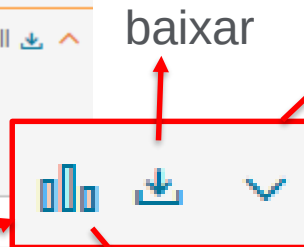
Language ▮ ⬇ ▾

Year ▮ ⬇ ▾

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☐ Bridges (8551)	☐ Design (1502)	☐ Computer Simulation (1003)
☐ Concretes (7928)	☐ Concrete Buildings (1486)	☐ Columns (Structural) (997)
☐ Reinforced Concrete (7100)	☐ Concrete Slabs (1380)	☐ Cables (930)
☐ Concrete Bridges (5096)	☐ Seismology (1331)	☐ Deformation (910)
☐ Concrete Construction (4854)	☐ Fiber Reinforced Plastics (1327)	☐ Concrete Testing (901)
☐ Finite Element Method (3893)	☐ Tubular Steel Structures (1287)	☐ Prestressing (899)
☐ Bridge Decks (3485)	☐ Corrosion (1282)	☒ Railroad Bridges (868)
☐ Structural Design (3237)	☐ Building Materials (1221)	☐ Structural Health Monitoring (868)
☐ Concrete Beams And Girders (3119)	☐ Cable Stayed Bridges (1201)	☐ Composite Beams And Girders (861)
☐ Prestressed Concrete (2638)	☐ Steel (1191)	☐ Piers (859)
☐ Bridges, Concrete (2386)	☐ Stiffness (1188)	☐ Composite Bridges (855)
☐ Beams And Girders (2308)	☐ Steel Bridges (1158)	☐ Fibers (854)
☐ Reinforcement (2169)	☐ Mathematical Models (1153)	☐ Damage Detection (852)
☐ Arch Bridges (2107)	☐ Durability (1141)	☐ Bridges, Highway (838)
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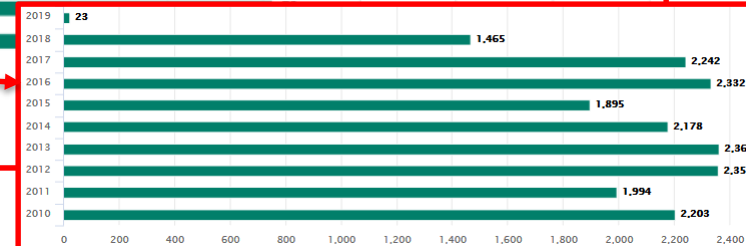
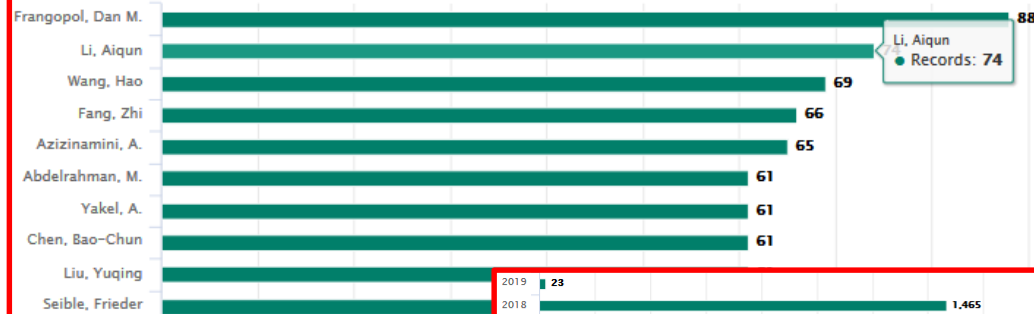
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Author

Search: ((bridges and concrete) WN All fields)

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Exemplo de busca:

1. Pontes de concreto (bridges and concrete – 40.952)
2. para trens (railroad),
3. com extensão maior que 4 kilometros (size $\geq$ 4km)

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Quick search: All fields ▾ for bridges and concrete

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1. ☐ **New trends in prestressed concrete bridges**
Virlogeux, M. (24 Rue de la Division Leclerc, 78-830 Bonnelles, France) Source: Transportation Research Record, v
Database: Compendex
Document type: Conference article (CA)
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2. ☐ **Impact in highway prestressed concrete bridges**
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3. ☐ **Impact in highway prestressed concrete bridges**

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☐ Concrete Bridges (5096)

☐ Concrete Construction (4854)

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Author

Author affiliation

Classification code

Country

Controlled vocabulary

☐ Bridges (8551)	☐ Design (1502)	☐ Computer Simulation (1003)
☐ Concretes (7928)	☐ Concrete Buildings (1486)	☐ Columns (Structural) (997)
☐ Reinforced Concrete (7100)	☐ Concrete Slabs (1380)	☐ Cables (930)
☐ Concrete Bridges (5096)	☐ Seismology (1331)	☐ Deformation (910)
☐ Concrete Construction (4854)	☐ Fiber Reinforced Plastics (1327)	☐ Concrete Testing (901)
☐ Finite Element Method (3893)	☐ Tubular Steel Structures (1287)	☐ Prestressing (899)
☐ Bridge Decks (3485)	☐ Corrosion (1282)	☒ Railroad Bridges (868)
☐ Structural Design (5237)	☐ Building Materials (1221)	☐ Structural Health Monitoring (868)
☐ Concrete Beams And Girders (3119)	☐ Cable Stayed Bridges (1201)	☐ Composite Beams And Girders (861)
☐ Prestressed Concrete (2638)	☐ Steel (1191)	☐ Piers (859)
☐ Bridges, Concrete (2386)	☐ Stiffness (1188)	☐ Composite Bridges (855)
☐ Beams And Girders (2308)	☐ Steel Bridges (1158)	☐ Fibers (854)
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1. ☐ New trends in
Virlogeux, M. (24)
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Wang, T.L. (Florida
1992
Database: Com
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3. ☐ Impact in high
Wang, T.L.; Shaha
Database: Com
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4. ☐ Preferred Con
Rossner, Wolfgan
Stahlbetonbau, v 8

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2. para trens (railroad, bridges – 893),
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- Size ▾
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Classification code Country Document type Language Year Source title

3. ☐ Long-term seismic performance of reinforced concrete bridges

ou, Yu-Chen (Department of Construction Engineering, National Earthquake Engineering and Structural Dynamics, v 42, n 14, p 211)

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2. 893
3. 27

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Analysis of cast-in-place **concrete** segmental cantilever **bridges**

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Sources: *Journal of structural engineering* New York, N.Y., v 116, n 5, p 1247-1268, May 1990; ISSN: 07339445; DOI: 10.1061/(ASCE)0733-9445(1990)116:5(1247)

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Abstract: A two-dimensional algorithm and a computer program are developed for the incremental analysis of cast-in-place segmental prestressed cantilever **bridges** with variable depth. The model takes into consideration effects caused by differences in age of **bridge** segments, shrinkage and creep of **concrete**, relaxation and curvature of prestressing tendons, and vertical and horizontal movements of the supports as well as their rotations. It also evaluates redistribution of internal forces with time after continuity. A three-span highway **bridge** composed of two box girders with variable depth, each carrying two lanes of traffic and a sidewalk, was analyzed as a case study. The results obtained using the developed algorithm show appreciable differences from current design practice and clearly indicate the necessity of including the difference in **concrete** characteristics of the **bridge** segments caused by their different ages when evaluating: (1) The camber needed during construction; (2) the redistribution of internal forces after continuity; and (3) the internal forces caused by the time-dependent support displacements.

Controlled terms: **Bridge** - **Structural Analysis** - **Bridges**, Highway--**Structural Analysis** - **Computer Programming** - **Concrete** - **Prestressing** - **Structural Analysis**--**Computer Aided Analysis**

Uncontrolled terms: **bridges** - **Concrete Segmental Cantilever Bridges** - **Prestressed Concrete Bridges** -

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(2016) *Journal of Performance of Constructed Facilities*

Norachan, P.; Kim, K.-D.; Oñate, E.

Analysis of segmentally constructed prestressed concrete bridges using hexahedral elements with realistic tendon profiles

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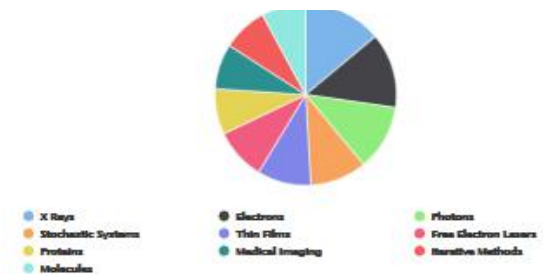
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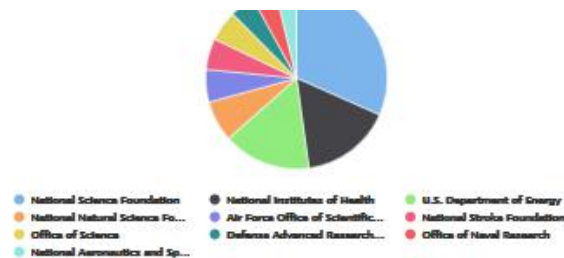
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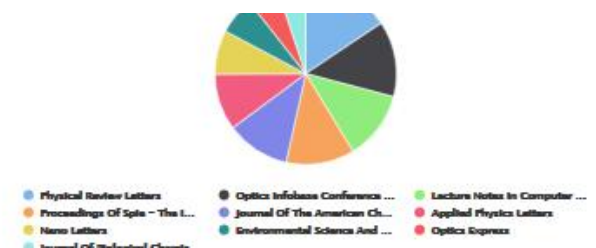
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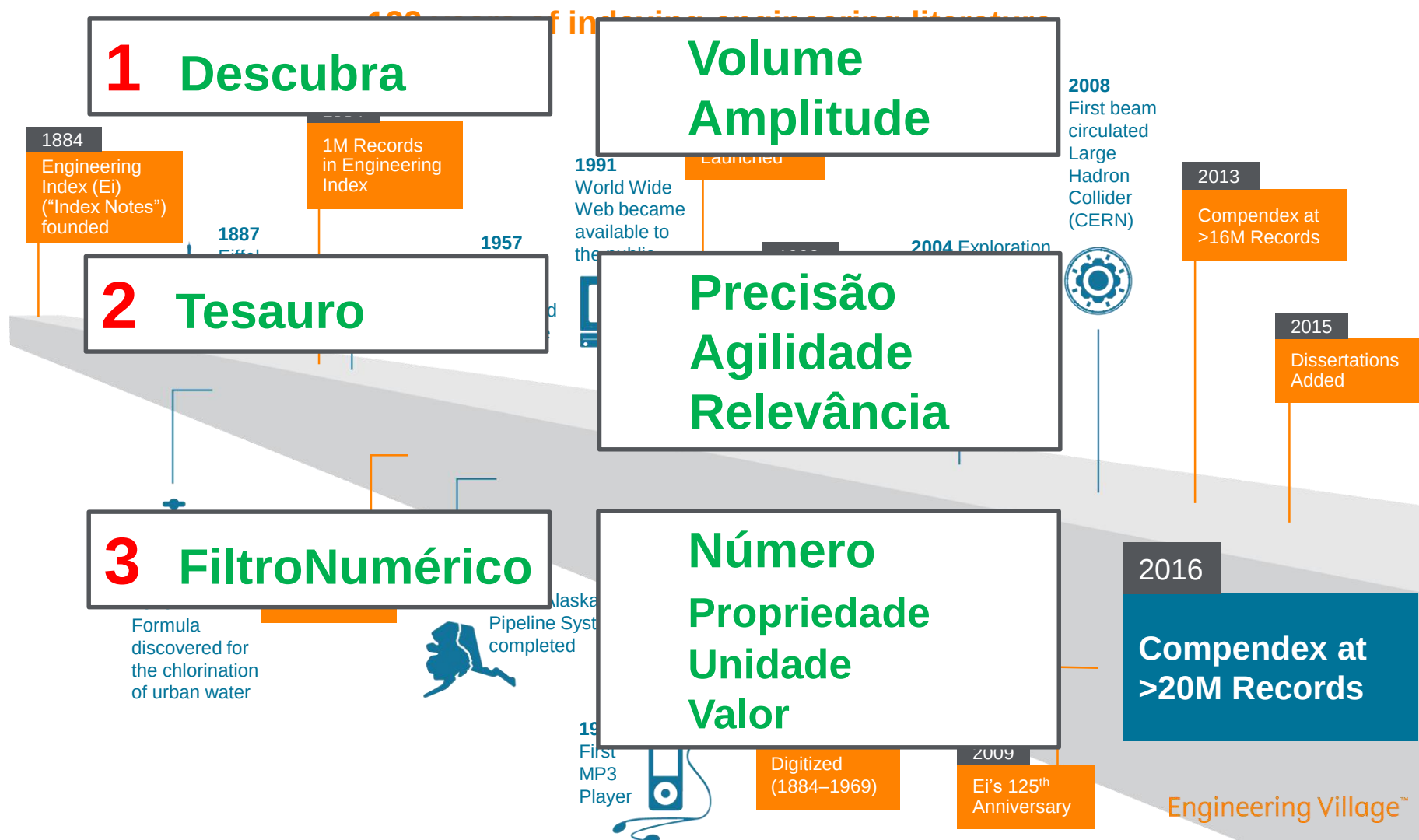


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