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Structural dampness is the presence of unwanted moisture in the structure of a building, either the result of intrusion from outside or condensation from within the structure. A high proportion of damp problems in buildings are caused by ambient climate dependent factors of condensation and rain penetration. Capillary penetration of fluid from the ground up through concrete or masonry is known ...

### **Damp (structural) - Wikipedia**

The Artificial Bee Colony (ABC) algorithm is a swarm based meta-heuristic algorithm that was introduced by Karaboga in 2005 (Karaboga, 2005) for optimizing numerical problems. It was inspired by the intelligent foraging behavior of honey bees. The algorithm is specifically based on the model proposed by Tereshko and Loengarov (2005) for the foraging behaviour of honey bee colonies.

### **Artificial bee colony algorithm - Scholarpedia**

Investigation of mechanical response of Al<sub>2</sub>O<sub>3</sub> ceramic specimens to loading with consideration for their structural features; AIP Conference Proceedings 2051, 020162 (2018 ... We also study how structural features of the specimens affect their physical and mechanical characteristics as well as their surface velocity in three-point bending ...

### **Investigation of mechanical response of Al<sub>2</sub>O<sub>3</sub> ceramic ...**

Protein structure is the three-dimensional arrangement of atoms in an amino acid-chain molecule. Proteins are polymers – specifically polypeptides – formed from sequences of amino acids, the monomers of the polymer. A single amino acid monomer may also be called a residue indicating a repeating unit of a polymer. Proteins form by amino acids undergoing condensation reactions, in which the ...

### **Protein structure - Wikipedia**

The composites with composition of (1-x)BaTiO<sub>3</sub> (BTO) – (x)NiFe<sub>2</sub>O<sub>4</sub> (NF) with x=0.25 and 0.75 were synthesized by sintering

the mixtures of highly ferroelectric and highly magnetostrictive magnetic phase obtained by auto combustion method. Structural study using Reitveld refinement of X-ray diffraction (XRD) pattern indicated a tetragonal structure (space group P4mm) for BTO phase while to ...

**Structural, optical and electrical properties of BaTiO<sub>3</sub> ...**

Volume 174 Issue 9: Themed issue on 'Structural design for fire safety' (September, 2021, pp. 723-821).

**Proceedings of the Institution of Civil Engineers ...**

Volume 169 Issue 3: Themed issue on facilitating active travel – part II (June, 2016, pp. 85-122). Volume 169 Issue 2: Themed issue on facilitating active travel – part I (April, 2016, pp. 47-84).

**Proceedings of the Institution of Civil Engineers ...**

"On the Identity and Diversity of Individuals," The Proceedings of the Aristotelian Society, Supplementary Volume 81: 23-43. ---, 2008. "Structural Realism and the Relationship between the Special Sciences and Physics," Philosophy of Science , 75: 744-755.

**Structural Realism (Stanford Encyclopedia of Philosophy)**

This paper investigates how electrolytic plasma hardening (PEH) bears upon the changes in the phase structural and tribological properties of steel 0.34C-1Cr-1Ni-1Mo-Fe, which is widely used in manufacturing highly stressed gears. The samples of steel 0.34C-1Cr-1Ni-1Mo-Fe went through the PEH in an electrolyte containing an aqua solution of 20% calcined soda (Na<sub>2</sub>CO<sub>3</sub>) and 10% carbamide ((NH<sub>2</sub>)<sub>2</sub>CO).

**Investigation of the Structural, Mechanical and ...**

Issue 16: Special Issue on Structural Health Monitoring: Wave Propagation and Interaction with Damage in Complex Structures, August 2017 , pp. 2945-3090 Issue 15, August 2017 , pp. 2753-2941 Issue 14, July 2017 , pp. 2569-2750

**Proceedings of the Institution of Mechanical Engineers ...**

The solid-electrolyte interphase (SEI), the passivation layer formed on anode particles during the initial cycles, affects the

performance of lithium-ion batteries (LIBS) in terms of capacity, power output, and cycle life. SEI features are dependent on the electrolyte content, as this complex layer originates from electrolyte decomposition products.

### **Energies | Free Full-Text | Effects of Structural ...**

Proceedings of the ASME 2014 International Mechanical Engineering Congress and Exposition. Volume 4B: Dynamics, Vibration, and Control . Montreal, Quebec, Canada.

### **Low Cost Experimental Vibration Analysis of a Cantilever ...**

Structural Engineering for Architects: Handbook.pdf. 209 Pages. Structural Engineering for Architects: Handbook.pdf. Salai Thang. Download Download PDF. Full PDF Package Download Full PDF Package. This Paper. A short summary of this paper. 25 Full PDFs related to this paper. Read Paper.

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### **Scitation - Home**

The Fire Research Division develops, verifies, and utilizes measurements and predictive methods to quantify the behavior of fire and means to reduce the impact of fire on people, property, and the environment.

### **Fire Research Division | NIST**

Abosag et al. (2016) attributed the existence of a dark side in B2B relationships to structural issues such as “size difference or imbalance of power; processes within business relationships, including creativity issues, capability development, changes in market dynamics; and output on terms of performance,

Proceedings Of The Society For Experimental  
**Intra-organisational dynamics as 'dark side' in inter ...**

Bernardino, M, Boukhanovsky, A, & Guedes Soares, C.

"Alternative Approaches to Storm Statistics in the Ocean."

Proceedings of the ASME 2008 27th International Conference on  
Offshore Mechanics and Arctic Engineering.

**Alternative Approaches to Storm Statistics in the Ocean**

...

The structural model of TBP-TBS PUMA was built according to the locally refined map of TBP-TFIIB-promoter-TFIIA in mPIC PUMA at 3.8 Å with TBP-SCP structure as structural template. The putative sequence of TBS PUMA was placed into the map followed by manually adjustment in COOT ( 149 ).

**Structural insights into preinitiation complex assembly on ...**

Phase 2: the Wuhan-5G connection spreads globally (27 January to 24 February 2020) The Moutons Enragés article fails to break through the language barrier, however, and circulates only for a few days. Another article on the same topic is more successful and is posted across 43 spaces with a collective number of at least 665,000 followers: this piece, posted on 27 January on the German ...

**'Corona? 5G? or both?': the dynamics of COVID-19/5G ...**

For instance, Laney (2001) suggested that Volume, Variety, and Velocity (or the Three V's) are the three dimensions of challenges in data management. The Three V's have emerged as a common framework to describe big data ( Chen et al., 2012 , Kwon et al., 2014 ).

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