

earthquake resistant design of structures npTEL

[#earthquake resistant design](#) [#structural engineering](#) [#NPTEL](#) [#earthquake engineering](#) [#seismic design](#)

Explore the fundamentals of earthquake resistant design of structures with this NPTEL course. Learn about seismic principles, structural analysis techniques, and design considerations to build safer and more resilient buildings in earthquake-prone regions, covering topics relevant to civil engineers and structural designers.

Our research archive brings together data, analysis, and studies from verified institutions.

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NOC:Earthquake Resistant Design of Foundations

NOC:Earthquake Resistant Design of Foundations (Video); Syllabus; Co-ordinated ... Introduction to Soil-Structure Interaction · Effects of Soil-Structure ...

Introduction to Earthquake Engineering

Introduction to Earthquake Engineering. Chapter 1: Seismology; Chapter 2: Strong Motion and Estimation of Seismic Hazard; Chapter 3: Dynamics of Earthquake ...

Earthquake Resistant Design of Foundations - Course

The course will focus on techniques of design of foundations so that it does not fail during earthquakes.

EARTHQUAKE RESISTANT DESIGN OF FOUNDATIONS

The course covers various types of foundations, required soil investigations, soil parameters, and codes of practice. Design considerations for seismic ...

EARTHQUAKE RESISTANT DESIGN OF STRUCTURES

by P Agarwal · Cited by 658 — The vast devastation of engineered systems and facilities during the past few earthquakes has exposed serious deficiencies in the prevalent design and ...

Earthquake Resistant Design of Foundations - Course

The course covers various types of foundations, required soil investigations, soil parameters, and codes of practice. Design considerations for seismic ...

EQN-563 Earthquake Resistant Design of Structures (Prof. Manish Shrikhande) ... NPTEL Course on Finite Element Method and Computational Structural Dynamics ...

Earthquake-resistant construction | Building Techniques & Materials

by RS Jangid — The course begins with the Seismology explaining the causes of occurrence of earthquake and its characterization. The seismic analysis of the structures ...

Earthquake Resistant Design of Foundations: Design Principles

PDF | Earthquake resistant design of structures a brief introduction and presentation | Find, read and cite all the research you need on ResearchGate.

GENERAL CONCEPTS OF EARTHQUAKE RESISTANT DESIGN

Strengthening structures: Tips for an earthquake-proof house | Point Blog

Introduction to Earthquake Engineering - Web course

(PDF) Earthquake resistant design of structures

NPTEL : NOC:Earthquake Resistant Design of Foundations ...

Careers In Architecture

Is Architecture A Good Career? - Is Architecture A Good Career? by Mooch 199,279 views 4 years ago 10 minutes, 21 seconds - Are you thinking of studying **architecture**, when you graduate highschool? Perhaps you wan't to be an **architect**, when you are older ...

Everything You Need to Know Before Starting Architecture - Everything You Need to Know Before Starting Architecture by DamiLee 1,334,410 views 3 years ago 18 minutes - Everything you need to know before starting a **career in architecture**,. This video discusses things they don't teach you about the ...

Alternative Careers For Architects (with Real Life Examples) - Alternative Careers For Architects (with Real Life Examples) by Joann Lui 10,744 views 11 months ago 11 minutes, 6 seconds - Watch this video to explore the Sphere of Alternative **Careers**, for **Architects**,—5 layers of alternate **career**, options outside of ...

Sphere of Alternative Careers

Specialty

Real Estate & Construction

Private/Public Sector

AEC Tech

Design

Conclusion

Career Path #Architalks - Career Path #Architalks by Drew Paul Bell 19,593 views 5 years ago 11 minutes, 7 seconds - This is a post in a group series called #ArchiTalks in which a group of us **architecture**, bloggers post about a common theme once ...

Architecture Job Interviews - The Unspoken Mindset - Important Stuff Others Don't Tell You - Architecture Job Interviews - The Unspoken Mindset - Important Stuff Others Don't Tell You by Archimarathon 65,398 views 3 years ago 19 minutes - Kevin Hui and Andrew Maynard shares with you the important mindset, tips and tricks for **architecture job**, interviews from ...

DESIGN JOB INTERVIEWS THE UNSPOKEN MINDSET

DON'T BE LATE

DON'T BRIBE

DON'T WASTE TIME

BODY LANGUAGE

POWERS POSES

INTERVIEWS ARE WEIRD

STRIKE UP A CONVERSATION

VERBAL WARM UP

PASSION TRUTH

CHOOSE YOUR BACKGROUND

ALWAYS TAKE PROPS

TAGS IN THE PORTFOLIO

CURATED PORTFOLIO

CONFIDENCE WITHOUT ARROGANCE

ALWAYS HAVE QUESTIONS

AVOID SELFISH QUESTIONS

The TRUTH about an ARCHITECTURE degree... - The TRUTH about an ARCHITECTURE degree... by Shane Hummus 138,761 views 3 years ago 11 minutes, 31 seconds - ----- These videos are for entertainment purposes only and they are just Shane's opinion based off of his own life experience ...

10 ALTERNATIVE CAREERS TO DO WITH AN ARCHITECTURE DEGREE - 10 ALTERNATIVE CAREERS TO DO WITH AN ARCHITECTURE DEGREE by HANNA BENIHOUD 7,783 views 1 year ago 13 minutes, 19 seconds - It is coming up to 6 years since I left working full time as a traditional **architect**, in practice. Since then I have found an alternative ...

Intro

ARTIST

FABRICATOR

TEACH

CLIENT

WORK FOR A CHARITY

CONSULTANCY

ACADEMIA

VISUALIZATION

DESIGNER

INDUSTRY SUPPORT

Is a career in Architecture for you? - Is a career in Architecture for you? by Real Life Architecture 1,804 views 1 year ago 8 minutes, 45 seconds - The **architecture**, profession is hard, I almost quit early in my **career**,. It was a combination of luck, hard work, friendship and ...

Architect Career Video - Architect Career Video by CareerOneStop 49,726 views 4 years ago 1 minute, 21 seconds - This **career**, video provides day in the life information about the following **jobs**, and **occupations**,. **JOB**, TITLE: **Architects**,. Except ...

17 Most in-demand jobs for the next 10 year (and jobs that have no future) - 17 Most in-demand jobs for the next 10 year (and jobs that have no future) by Silicon Valley Girl 544,834 views 1 year ago 16 minutes - This video is sponsored by Renderforest Timestamps: 00:00 Top 17 **professions**, of the future 01:10 #17 Lawyer (online) 01:33 #16 ...

Top 17 professions of the future

17 Lawyer (online)

16 Managers of individual healthcare programs

15 ESG specialists

14 Data journalist

13 QA Testing

Thank you Renderforest for sponsoring this video

12 Market analytics

11 Cooks

10 Cyber security specialist

9 Home health and personal care aides

8 Fitness trainers

7 Nurses

6 Agents and business managers of celebrities

5 Solar panel installer

4 Ushers, lobby attendants, and ticket takers

3 Wind turbine service technicians

2 Motion designers and VR professionals

1 Machine learning engineers and artificial intelligence specialist

Top 7 jobs that have no future

How Architects make Money? Highest Earning Architects net worth breakdown - How Architects

make Money? Highest Earning Architects net worth breakdown by Architecture with Ashley 204,736 views 1 year ago 13 minutes, 48 seconds - Who are the top earning **architects**,? What is the primary source of their income? Other than creating **buildings**, what other sources ...

Intro

BJARKE INGELS

RENZO PIANO

ZAHA HADID

SANTIAGO CALATRAVA

FRANK GEHRY

NORMAN FOSTER

What Is Architecture School Really Like? - What Is Architecture School Really Like? by Mooch 89,958 views 4 years ago 10 minutes, 18 seconds - List of items you may need during your first few semesters: Personal Sketchbook <https://amzn.to/2LBNghJ> Micron Pens ...

Lower Division and Upper Division

History and Theory Classes

History of Architecture Classes

Theory of Architecture

Architecture Theory

Technical Drafting

Design Classes

Design Level

Midterm or Final Pinups

Thesis

How to get a Job in Architecture. Designing your Application & Job Search Strategies - How to get a Job in Architecture. Designing your Application & Job Search Strategies by Thomas Rowntree 4,998 views 6 months ago 14 minutes, 40 seconds - **#architecture**, **#job**, **#design** **#architectureschool**.

Intro

Presentation

CV

Cover Letter

Portfolio

Job Search Strategies

Education Training

STUNNING NEW 2024 LUXURY MODEL HOUSE TOUR NEAR FRISCO TEXAS! - STUNNING NEW 2024 LUXURY MODEL HOUSE TOUR NEAR FRISCO TEXAS! by NavaRealtyGroup 22,806 views 1 day ago 19 minutes - Looking for a New House in Dallas Texas? Visit our website to schedule a call ...

15 Reasons NOT TO Study Architecture – The Worst Things About Studying Architecture - 15 Reasons NOT TO Study Architecture – The Worst Things About Studying Architecture by Kyle Sinko 49,690 views 3 years ago 15 minutes - Why SHOULD YOU NOT study **architecture**,? Here's 15 reasons NOT TO study **architecture**,. These are the worst things about ...

Updated UK's Occupation List / How to apply for the jobs / What you need to know. - Updated UK's Occupation List / How to apply for the jobs / What you need to know. by ROBI NITE 123 views 12 hours ago 21 minutes - The UK government has recently updated the list for 2024, and it includes some exciting new additions. These include roles in the ...

Do I Regret Studying Architecture? - Do I Regret Studying Architecture? by Real Life Architecture- 118,376 views 2 years ago 7 minutes, 49 seconds - There are a lot of people who regret being architects. Don't become one of them. This is a summary of my **career in Architecture**, ...

What an Architect REALLY Does During the Day - What an Architect REALLY Does During the Day by Stewart Hicks 142,028 views 2 years ago 10 minutes, 13 seconds - This video follows Hiba Bhatti, an **architect**, at Valerio Dewalt Train in Chicago, through a day on the **job**,. The daily activities of an ...

Introduction

Hiba Bhatti

Submittals

Revit

Smash Offer

Door Schedules

Convene

15 Things You Didn't Know About the Architecture Industry - 15 Things You Didn't Know About the

Architecture Industry by Alux.com 89,134 views 4 years ago 16 minutes - In this Alux.com video we'll try to answer the following questions: Whats the most expensive building in the world? How are ...

Intro

Most expensive building in the world

Millenials are changing the way architecture is done

The industry needs to cut the middleman

UK has more **architecture jobs**, than dentists and ...

It's a 300 billion dollars industry

The gender gap is really steep in this industry

The Louvre removed an explicit architectural design

More companies are building their own mini-cities

Norman Foster, one of the richest architects makes roughly 2.5 million dollars yearly

11 Starting your own architecture firm

Architecture was once an olympic games category

Empire State Building generate more revenue from tourism rather than office space

Lego used to make architecture pieces

Famous architectural buildings get fined

What does an Architect Do? - What does an Architect Do? by Designer Hacks 136,469 views 5 years ago 6 minutes, 6 seconds - In this session we tackle the question "What Does an **Architect**, do?".

Checkout more here: <http://designerhacks.com> ...

Marieke Gruwel launch of Manitoba Women in Design (Winnipeg Architecture Foundation) - Marieke

Gruwel launch of Manitoba Women in Design (Winnipeg Architecture Foundation) by McNally

Robinson Online Events 70 views Streamed 1 day ago 41 minutes - Marieke Gruwel celebrates the launch of Manitoba Women in Design, presented by the Winnipeg **Architecture**, Foundation (WAF).

Architectural careers - A day in the work life of a landscape architect - Architectural careers - A day in the work life of a landscape architect by careersnz 31,845 views 6 years ago 2 minutes, 26 seconds

- A day in the work life of a landscape **architect**., May Jan MacIntyre. Follow May Jan MacIntyre's inspirational **career**, journey and ...

Career Clusters - Architecture and Construction - Career Clusters - Architecture and Construction by MODeptofEducation 68,860 views 8 years ago 3 minutes, 14 seconds - Description.

Should You Study Architecture? 5 Questions to Help You Decide if Architecture is for You - Should You Study Architecture? 5 Questions to Help You Decide if Architecture is for You by Kyle Sinko 144,043

views 3 years ago 8 minutes, 25 seconds - Thinking about studying **architecture**,? **Architecture**, could be a **career**, path for you. Here are 5 questions to help you decide if ...

7 Different Types of Architects You Can Become. - 7 Different Types of Architects You Can Become. by Archi Afsanah 14,387 views 3 years ago 1 minute, 48 seconds - The need for Extreme **architecture**, has risen and may become a crucial factor to consider while designing a structure in the future.

Changing Career from Architecture - Changing Career from Architecture by Archi Hacks 25,932 views 3 years ago 5 minutes, 27 seconds - Architecture, education and experience open doors to surprisingly many **career**, paths. If you don't feel satisfied with your current ...

Intro

UIUX Design

Animation

Film Direction

Set/Production Design

Product/Industrial Design

Food Artist

Level Designer

Fashion Design

Data Visualization

Industry Insight: Careers in Architecture - Industry Insight: Careers in Architecture by SkillsJersey 46,696 views 9 years ago 9 minutes, 4 seconds - Have you ever wanted to know what it would be like to work in the **architecture**, industry? **Careers**, Jersey interviewed two ...

Intro

TYPICAL DAY?

WHY ARCHITECTURE?

DID ANYONE INFLUENCE YOUR CAREER CHOICE?

YOUR TRAINING & QUALIFICATIONS?

YOUR SCHOOL EXAMINATION SUBJECTS?

KEY SKILLS FOR ARCHITECTURE?
WHAT DO YOU LOVE ABOUT ARCHITECTURE?
MISCONCEPTIONS W ARCHITECTURE?
HIGHLIGHT YOUR CAREER?
NEGATIVE ASPECTS OF ARCHITECTURE?
BIGGEST CHALLENGE OF YOUR CAREER?
Your CAREER ADVICE?
Your CAREER DVICE?
TRAVEL OPPORTUNITIES?
WHAT YOU SMILE?

Careers in Architecture - Careers in Architecture by ACSA National 1,719 views 8 years ago 29 minutes - This video is one part of a three-part webinar series, Creative Futures Webinar Series, launched by the Association of Collegiate ...

Introduction

Lee Waldrop

Statistics

Career Path

Specialist

Supplemental Services

Outside Traditional Practice

Beyond Architecture

Connect

Emerging Careers

Outer Rings

Resources

Questions

Should one apply to a masters in architecture immediately after graduation

Scope as a software program

Education

Careers in Architecture: Value Your Work - Careers in Architecture: Value Your Work by AIA National 7,143 views 8 years ago 3 minutes, 21 seconds - Emerging professionals contribute new ideas and skills to the field of **architecture**,. The AIA encourages you to get paid while ...

Susan Schaefer Kliman, AIA

Laura Ondrich

Ryan McEnroe, AIA Project Architect

I Quit My "Dream" Job as an Architect... - I Quit My "Dream" Job as an Architect... by Daniel Titchener 246,424 views 3 years ago 11 minutes, 55 seconds - This video was sponsored by Skillshare.

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[the quantum theory of atoms in molecules from solid state to dna and drug design](#)

Why do atoms form molecules? The quantum physics of chemical bonds explained - Why do atoms form molecules? The quantum physics of chemical bonds explained by Arvin Ash 757,658 views 3 years ago 13 minutes, 25 seconds - Why does this happen? Why is the universe not full of just **atoms**, floating around? The answer to this important question lies in ...

Note: central cluster of electrons exaggerated for illustration. Only a probability cloud exists

Model of hydrogen atom with electron at lowest energy state

Electron cloud attracted to nucleus

If atoms get too close, then the nuclei begin to repel each other

There is a "sweet spot" bond distance between the atoms that results in lowest potential energy

Many interactions affect this two atom system

Total energy of two atom system determines bonding

Interactions taking place in two atom system

Hamiltonian

Time-independent Schrödinger equation

Energy of two atom system of hydrogen is lower than two one atom systems

Desperate to attract an electron

8 Desperate to get rid of one electron

Quantum mechanics doesn't explain WHY nature is the way that it is

Cherif Matta - René Thom's Catastrophe Theory and the Quantum Theory of Atoms in Molecules -

Cherif Matta - René Thom's Catastrophe Theory and the Quantum Theory of Atoms in Molecules by

Institut des Hautes Études Scientifiques (IHÉS) 1,504 views 5 months ago 1 hour, 2 minutes - John

Dalton's law of multiple proportions of 1803 marks the beginnings of the modern **atomic theory**, of matter, while Avogadro ...

Quantum Chemistry - Quantum Chemistry by Quantum Data World 20 views 10 months ago 2

minutes, 33 seconds - Hello and welcome to our channel! Today, we're going to dive into the

fascinating world of **quantum chemistry**,. **Quantum chemistry**, ...

Quantum chemistry is the study of the behavior of matter at the molecular and atomic level using the principles of quantum mechanics.

Quantum chemistry uses the principles of quantum mechanics to study the behavior of atoms and molecules.

One of the most important concepts in quantum chemistry is the wave function.

Quantum chemistry has many practical applications.

It has many practical applications and is essential for the development of new materials and drugs.

A Better Way To Picture Atoms - A Better Way To Picture Atoms by minutephysics 4,459,192 views

2 years ago 5 minutes, 35 seconds - REFERENCES A Suggested Interpretation of the **Quantum**

Theory, in Terms of "Hidden" Variables. I David Bohm, Physical Review ...

Atomic Orbitals

Wave Particle Duality

Rainbow Donuts

Molecules & Solids Chapter 29 - Molecules & Solids Chapter 29 by Ankur S. 845 views 3 years ago 7

minutes, 47 seconds - This video will cover chapter 29, the formation of **molecules**, and **molecular**,

bonds from the incorporation of **quantum physics**,.

Introduction

Energy Graph

Battery of solids

Quantum Numbers, Atomic Orbitals, and Electron Configurations - Quantum Numbers, Atomic

Orbitals, and Electron Configurations by Professor Dave Explains 4,141,274 views 8 years ago 8

minutes, 42 seconds - Orbitals! Oh no. They're so weird. Don't worry, nobody understands these in

first-year **chemistry**,. You just pretend to, and then in ...

Introduction

Quantum Numbers

Summary

Periodic Quantum Mechanics Methodology | From Molecules to Crystals: Part 2 - Periodic Quantum

Mechanics Methodology | From Molecules to Crystals: Part 2 by SchrödingerTV 392 views 11 months

ago 16 minutes - This video is part of the Schrödinger Online Course series, **Molecular**, Modeling

for Materials Science Applications. Course ...

Intro

Fourier approximation of periodic functions

The reciprocal lattice in 1D

Expansion in plane waves - the Bloch function

Construction of first Brillouin zone

Transformation to the first Brillouin zone

Reducible versus irreducible k-point sets

Irreducible Brillouin zone of a cubic lattice

The wave function

The band structure

Discrete set of plane waves

Truncation of plane wave basis set

k-point integration

Efficiency of sampling with special k-point sets

k-point sampling

Pseudopotential approach

Detailed references

Niels Bohr: Pioneering Quantum Theory and Atomic Structure - Niels Bohr: Pioneering Quantum Theory and Atomic Structure by AcademiaPro No views 8 days ago 2 minutes, 35 seconds - Niels Bohr, a Danish physicist, made foundational contributions to the development of **quantum theory**, and our understanding of ...

One Hour Of Mind-Blowing Mysteries Of The Atom | Full Documentary - One Hour Of Mind-Blowing Mysteries Of The Atom | Full Documentary by Big Scientific Questions 1,213,231 views 6 months ago 1 hour, 1 minute - Have you ever found yourself pondering the mysteries of the **atom**,? In this documentary, we're diving into some of the most ...

Introduction

Where Do Electrons Get Energy To Spin Around An Atom's Nucleus?

How Did the First Atom Form?

Do Atoms Ever Actually Touch Each Other?

Are Two Atoms of The Same Element Identical?

Does an Atom Have a Color?

Why Don't Protons Repel Each Other Out Of The Nucleus?

How Big Is a Proton?

If Atoms Are Mostly Empty Space, How Can Things Be Solid?

Why Do Atoms Form Molecules?

Is a Neutron Star Just One Giant Atom?

What If The Universe is An Atom?

What Happens to Your Atoms After You Die?

Do Atoms Last Forever?

Cloning a Cute Girl in a DNA Laboratory>\Cloning a Cute Girl in a DNA Laboratory> by Coby Persin 9,320,844 views 9 months ago 58 seconds – play Short - Business Inquiries: cobypersinshow@yahoohoo.com Model from video: @sophiacamillecollier.

Fundamentals of Quantum Physics. Basics of Quantum Mechanics <Lecture for Sleep & Study -

Fundamentals of Quantum Physics. Basics of Quantum Mechanics <Lecture for Sleep & Study by LECTURES FOR SLEEP & STUDY 2,090,807 views 1 year ago 3 hours, 32 minutes - In this lecture, you will learn about the prerequisites for the emergence of such a science as **quantum physics**,, its foundations, and ...

The need for quantum mechanics

The domain of quantum mechanics

Key concepts in quantum mechanics

Review of complex numbers

Complex numbers examples

Probability in quantum mechanics

Probability distributions and their properties

Variance and standard deviation

Probability normalization and wave function

Position, velocity, momentum, and operators

An introduction to the uncertainty principle

Key concepts of quantum mechanics, revisited

What Is Beyond Edge Of The Universe? - RYV - What Is Beyond Edge Of The Universe? - RYV by ReYOUUniverse 2,051,061 views 6 months ago 41 minutes - Imagine embarking on a journey aboard a spaceship, heading in one direction as far as possible from Earth. Now, imagine that ...

Intro

Discovery

Implications

The Boundary

The Spaceship

Oh My God

No Return

Vision Limits

Farewell Photos

Empty Space

Gauss Theory

Nonorientable

Infinite Universe

Flat Universe

Conclusion

One Hour of Mind-Blowing Scientific Theories on Conscious Universe - One Hour of Mind-Blowing Scientific Theories on Conscious Universe by Big Scientific Questions 932,635 views 6 months ago 1 hour, 12 minutes - In this video, we're going to take a deep dive into some fascinating topics like Panpsychism, Integrated Information **Theory**, the ...

Introduction

Why Did Schrödinger Believe That There Was Only One Mind In The Universe?

Is The Universe Just A Giant Brain? (Panpsychism)

Is Every Galaxy A Neuron In A Vast Universal Brain? (Are We Living In Someone's Brain?)

Did Consciousness Become The Universe And Create Itself? (Double-Slit Experiment, Consciousness and Quantum Mechanics)

Can It Be Tested Whether The Universe Is Conscious? (Integrated Information Theory)

Is The Universe A Living Organism? (The Living Universe Hypothesis)

Is Earth Alive? (The Gaia Hypothesis)

Is The Universe Fine-Tuned For Life And Mind? (The Fine-Tuning Argument)

Are We The Universe Becoming Aware Of Itself? (Is Consciousness Ultimate Reality?)

Atomic Orbitals, Visualized Dynamically - Atomic Orbitals, Visualized Dynamically by The Science Asylum 574,798 views 3 years ago 8 minutes, 39 seconds - Visuals of **quantum**, orbitals are always so static. What happens when an electron transitions? A current must flow to conserve the ...

Cold Open

Seeing Atoms is Hard

Atomic Structure

History of the Atom

What are Orbitals?

Schrodinger's Equation

Spherical Coordinates

Orbital Shapes

Orbital Sizes

Flow of Probability

Summary

Outro

Featured Comments

What Really Is Everything? - What Really Is Everything? by History of the Universe 3,482,949 views 2 years ago 42 minutes - If you like our videos, check out Leila's Youtube channel:

<https://www.youtube.com/channel/UCXIk7euOGq6jkptjTzEz5kQ> Music ...

Introduction

Splitting The Atom

Deeper We Go

The Mystery Of Matter

The Dawn Of Matter

Quantum Computers, Explained With Quantum Physics - Quantum Computers, Explained With Quantum Physics by Quanta Magazine 2,395,816 views 2 years ago 9 minutes, 59 seconds - Quantum, computers aren't the next generation of supercomputers—they're something else entirely. Before we can even begin to ...

20 COIN TOSSES

POSITIVE AMPLITUDE

QUBIT

SUPERPOSITION

ENTANGLEMENT

INTERFERENCE

The SIMPLEST Explanation of QUANTUM MECHANICS in the Universe! - The SIMPLEST Explanation of QUANTUM MECHANICS in the Universe! by Arvin Ash 176,670 views 1 year ago 14 minutes - CHAPTERS: 0:00 Why do we need **Quantum Mechanics**,? 2:23 What's "weird" about QM? 4:07

What is the Measurement Problem ...

Why do we need Quantum Mechanics?

What's "weird" about QM?

What is the Measurement Problem?

Uncertainty principle Explained

Why don't we see quantum behavior in macro?

Entanglement explained

What do atoms actually look like?

Learn more at Brilliant.org

Neil deGrasse Tyson Explains The Weirdness of Quantum Physics - Neil deGrasse Tyson Explains The Weirdness of Quantum Physics by Science Time 1,490,883 views 2 years ago 10 minutes, 24 seconds - Quantum mechanics, is the area of physics that deals with the behaviour of **atoms**, and particles on microscopic scales. Since its ...

Quantum Physics for 7 Year Olds | Dominic Walliman | TEDxEastVan - Quantum Physics for 7 Year Olds | Dominic Walliman | TEDxEastVan by TEDx Talks 3,197,652 views 7 years ago 15 minutes - In this lighthearted talk Dominic Walliman gives us four guiding principles for easy science communication and unravels the myth ...

Science Communication

What Quantum Physics Is

Quantum Physics

Particle Wave Duality

Quantum Tunneling

Nuclear Fusion

Superposition

Four Principles of Good Science Communication

Three Clarity Beats Accuracy

The History of Atomic Chemistry: Crash Course Chemistry #37 - The History of Atomic Chemistry: Crash Course Chemistry #37 by CrashCourse 2,669,064 views 10 years ago 9 minutes, 42 seconds - How did we get here? Well, in terms of **Atomic Chemistry**,, Hank takes us on a tour of the folks that were part of the long chain of ...

Intro

Tomos

Conservation of Mass

Discharge Tubes

Electrons

Bohr Heisenberg

Quantum Theory

Conclusion

Quantum Theory and the Electronic Structure of Atoms | Chemistry | E-Learning - Quantum Theory and the Electronic Structure of Atoms | Chemistry | E-Learning by TACW Elearn 236 views 1 year ago 11 minutes, 11 seconds - Dr. J. Silambarasan, Assistant Professor, Department of **Chemistry**,, Theivanai Ammal College for Women (Autonomous), ...

Intro

WAVE THEORY OF LIGHT

TYPES OF ELECTROMAGNETIC SPECTRUM

WAVE CHARACTERSTICS

QUANTUM THEORY OF RADIATION

BOHR'S THEORY OF THE HYDROGEN ATOM

ATOMIC LINE SPECTRA

LINE SPECTRA OF HYDROGEN

WAVE MECHANICAL CONCEPT OF ATOM

QUANTUM MECHANICS

THE HEISENBERG UNCERTAINTY PRINCIPLE

QUANTUM NUMBERS

ATOMIC ORBITALS

RULES FOR WRITING ELECTRON CONFIGURATIONS

5. Shell Models and Quantum Numbers (Intro to Solid-State Chemistry) - 5. Shell Models and Quantum Numbers (Intro to Solid-State Chemistry) by MIT OpenCourseWare 20,822 views 3 years ago 47 minutes - Continues the discussion of ionization. License: Creative Commons BY-NC-SA More information at <https://ocw.mit.edu/terms> More ...

Energy Transitions

Spectroscope

Electron Transitions

Bohr Model

Fluorescent Light
Ionization
Ionized Hydrogen
Bohr Ionization Energy
Ionization Energy
Ionization Energy
The First Ionization Energy
The Double Slit Experiment
Double Slit Experiment
Waves
The Heisenberg Uncertainty Principle
Scanning Electron Microscope
Graphene
Wave Equations
What Is An Atom And How Do We Know? - What Is An Atom And How Do We Know? by Stated
Clearly 2,934,844 views 5 years ago 12 minutes, 15 seconds - Ever wonder how we actually know
that **atoms**, exist? Here we'll learn what **atoms**, are and exactly how scientists went about ...
Introduction
Atoms
Democritus
Arabic Science
French Science
Periodic Table
Compounds
Scanning tunneling microscope
Summary
Outro
Quantum Mechanics based pKa Prediction for Realistic Drug like Molecules with Conformational and
Tau - Quantum Mechanics based pKa Prediction for Realistic Drug like Molecules with Conforma-
tional and Tau by Computational Biology & Chemistry Lab 102 views 4 years ago 50 minutes
Secret Lives of Molecules Webinar: Drug Design in the Nanotechnology Age - Secret Lives of
Molecules Webinar: Drug Design in the Nanotechnology Age by Florida Tech 2,500 views 6 years
ago 55 minutes - If you're interested in the **quantum**, properties of **molecules**,, their electron **states**,,
and how that can affect their behavior, or just ...
Collaboration
Nanotechnology in Media
What is 'Nano'?
What is Nanotechnology? Gold (Au) is a common material to be made into nano-scale objects
What properties of Au would you expect to change depending on the size of the pieces? Please select
all that apply
What properties of Au would you expect to change depending on the size of the pieces? Poll Results
(multiple answers allowed)
Properties Change with Size
Nanotechnology Isn't New
Making it Useful
John Dalton (1766-1824)
Quantum Tunneling Atomic Radius: A Vague Concept
Scanning Tunneling Microscopy
Rastering Pattern
Atomic Resolution Imaging Carbon atoms on a graphite surface
Moving Individual Atoms
Florida Institute of Technology Nano-Chem: Imaging Molecules
Drug Design?
STM of Tryptanthrin
Atomic Orbitals
Molecular Orbitals
STM of 8-Fluorotryptanthrin
Semi-Random Modification
Rational Modification

QSAR Quantitative Structure-Activity Relationship

Tunneling Barriers

Barrier Height Imaging

Experiment and Theory

Correlation to Efficacy

Pharmacophore

Next Steps

Questions

6. Electron Shell Model, Quantum Numbers, and PES (Intro to Solid-State Chemistry) - 6. Electron Shell Model, Quantum Numbers, and PES (Intro to Solid-State Chemistry) by MIT OpenCourseWare 27,782 views 3 years ago 48 minutes - Finding the properties of multiple electrons in an **atom**, using the Schrodinger equation. License: Creative Commons BY-NC-SA ...

Intro

Schrodinger Wave Equation

Coulomb Potential

Radial Function

Probability Distribution

Quantum Dots

Magnetic Quantum Numbers

Orbitals

Magnets

Spin Quantum Number

Degeneracy

Shielding

Orbitals, Atomic Energy Levels, & Sublevels Explained - Basic Introduction to Quantum Numbers - Orbitals, Atomic Energy Levels, & Sublevels Explained - Basic Introduction to Quantum Numbers by The Organic Chemistry Tutor 775,941 views 6 years ago 11 minutes, 19 seconds - This **chemistry**, video tutorial provides a basic introduction into orbitals and **quantum**, numbers. It discusses the difference between ...

shape of the orbital

look at the electron configuration of certain elements

place five mo values for each orbital

think of those four quantum numbers as the address of each electron

draw the orbitals

looking for the fifth electron

Dalton's Atomic Theory - Dalton's Atomic Theory by The Organic Chemistry Tutor 96,586 views 1 year ago 6 minutes, 27 seconds - This **chemistry**, video tutorial provides a basic introduction into Dalton's **Atomic Theory**,. John Dalton believed that elements are ...

History of Atomic Theory - History of Atomic Theory by Professor Dave Explains 420,569 views 8 years ago 4 minutes, 26 seconds - We all know that **atoms**, exist. But we didn't always! A lot of people contributed in different ways to help develop our current ...

EXPLAINS

John Dalton 1766 - 1844

cathode ray

Quantum Theory and Atomic Structure | Inorganic Chemistry I - Quantum Theory and Atomic Structure | Inorganic Chemistry I by The Statistics Teacher 7,767 views 3 years ago 37 minutes - This lecture discusses **quantum theory**, and **atomic**, structure.

Introduction

Wave Nature of Light

Frequency and Wavelength

Electromagnetic Spectrum

Waves and Particles

Energy and Frequency

Experiment

Quantum Theory

Example

Rydberg Equation

Bohrs Model

Absorption Emission Spectrum

Atomic Spectrum
Series of Names
UV Radiation
Spectrometer
Wave Particle Duality
Wave Restrictions
Electron Microscopy
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Quantum biology is the study of applications of quantum mechanics and theoretical chemistry to aspects of biology that cannot be accurately described... 74 KB (8,062 words) - 19:27, 1 February 2024

arranged and bonded to each other. This involves the study and use of quantum chemistry or quantum physics. Solid-state physics, solid-state chemistry and physical... 62 KB (6,522 words) - 01:26, 25 February 2024

fullerene is an allotrope of carbon whose molecules consist of carbon atoms connected by single and double bonds so as to form a closed or partially... 61 KB (6,542 words) - 17:43, 3 March 2024

sorted molecules according to differences in weight. Because nitrogen atoms are a component of DNA, they were labelled and therefore tracked in replication... 152 KB (19,115 words) - 14:15, 2 March 2024

water molecules. In a discrete water molecule, there are two hydrogen atoms and one oxygen atom. The simplest case is a pair of water molecules with one... 45 KB (5,402 words) - 17:10, 31 January 2024

another (see the properties section of the DNA page). These interactions also heavily influence drug design, crystallinity and design of materials, particularly... 28 KB (3,363 words) - 00:54, 15 December 2023

allotrope of carbon consisting of a single layer of atoms arranged in a hexagonal lattice nanostructure. The name is derived from "graphite" and the suffix... 246 KB (26,739 words) - 14:08, 1 March 2024

referred to as molecular graphics. The term, "molecular model" refer to systems that contain one or more explicit atoms (although solvent atoms may be represented... 17 KB (1,791 words) - 00:55, 23 January 2024

odd sum of protons and neutrons, exhibit half-integer values for the nuclear spin quantum number ($I = 1/2, 3/2, 5/2$, and so on). These atoms are NMR-active... 52 KB (6,001 words) - 20:08, 9 February 2024

of Atoms in Molecules: From Solid State to DNA and Drug Design". Wiley. Wiley VCH. Retrieved 4 September 2017. "World Association of Theoretical and Computational... 7 KB (744 words) - 09:54, 19 March 2023

century. The development of post-Newtonian theories in physics, such as special relativity, general relativity, and quantum mechanics led to the development... 72 KB (9,743 words) - 13:24, 23 August 2023

analyzing the physical movements of atoms and molecules. The atoms and molecules are allowed to interact for a fixed period of time, giving a view of the dynamic... 77 KB (9,813 words) - 23:38, 28 February 2024

the electronic structure of atoms and molecules. In Zürich, Pauling was also exposed to one of the first quantum mechanical analyses of bonding in the... 140 KB (13,863 words) - 18:38, 2 March 2024

describe the forces between atoms (or collections of atoms) within molecules or between molecules as well as in crystals. Force fields are a variety of interatomic... 83 KB (9,822 words) - 16:50, 12 February 2024

The method also revealed the structure and function of many biological molecules, including vitamins, drugs, proteins and nucleic acids such as DNA.... 124 KB (13,980 words) - 21:16, 15 February 2024
carbon atoms with partial negative charges from one ring on top of other partial negatively charged carbon atoms from the second ring and hydrogen atoms with... 29 KB (3,561 words) - 18:45, 3

December 2023

increase the solubility, stability, and uptake of drug molecules. Peptides, polymers, and other molecules can be conjugated to the surface of a liposome... 38 KB (5,293 words) - 21:37, 21 December 2023
"RNA-DNA chimeras" (complex mixtures of RNA molecules and DNA molecules) may be a more effective way of producing precursor life biochemicals, than the more... 257 KB (24,771 words) - 14:40, 1 March 2024

instance of 3SAT, and wet DNA implementations of finite state machines with potential applications to the design of smart drugs. One of the most notable... 44 KB (5,144 words) - 09:08, 25 December 2023
the Au-Ligand interface, conjugation of the interfacial ligands with various functional moieties (from small organic molecules to polymers to DNA to RNA)... 85 KB (9,804 words) - 10:56, 27 December 2023

Marking Schemes

Attention- Give attention to what is happening around, what your teacher is telling in the class. ·
Intention- you should have proper intention ...

WRITING MARKING SCHEMES (RUBRICS) - Western Sydney ...

5 Dec 2013 — 1. Be clear about the purpose of your marking · 2. Effective marking includes detail and rarely needs praise · 3. Do your marking as quickly as ...

Best Practices With Marking Guide: Providing Fuller, Faster, and More ...

A good marking rubric should: ° Communicate criteria and standards simply, concisely and clearly. °
Provide sufficient detail to guide students, assist ...

12 Reasons to make the mark scheme of past exams your best friend

Identify ethical considerations in your approach. Provide supporting sources for the interview questions, the coaching approach, and the evaluation plan.

Quality marks - Eurocer-Building

5 Feb 2018 — Meaningful, manageable and motivating · Meaningful: marking should serve a single purpose, advancing pupil progress and outcomes. · Manageable: ...

Effective Marking Policy - Mayfield Primary School

by J Williamson · 2018 · Cited by 4 — Using this mark scheme, assessors compare candidates' work to 'the standard' by deciding which level best describes the candidate's work, and to what extent.

GCSE Mark Schemes and Examiner Reports Explained - Edmentors

13 Apr 2024 — Here are five key characteristics of a good marking scheme: 1. ... They should rely on clearly defined, measurable criteria that can be ...

What are the elements of a good marking scheme?

What are the characteristics of a good marking scheme for the essay? · Even distribution of Marks:- · Unbiased- · Transparency- · Reliable-.

Some principles for effective marking

18 Aug 2023 — While criteria provide structure, human judgment imparts understanding and empathy. As education evolves, so must its assessment practices.

WRITING MARKING SCHEMES (RUBRICS)

SOLUTION: Characteristics of a good marking scheme

Effective marking: what do we really know?

Characteristics, uses and rationales of mark-based and ...

A good marking scheme.docx

Marking Scheme for Essay Writing: Types with Free Samples

How You Can Use Marking Schemes to Evaluate Students ...

CHAPTER 9. AGITATION AND MIXING

CHAPTER 9. AGITATION AND MIXING. PRESENTATION OUTLINE. -Definitions. -Purposes of agitation. -Devices to produce agitation. -Power consumption of agitators. - ...

Agitation and Mixing

by F Aerstin · 1978 · Cited by 1 — Agitation and Mixing. Chapter. pp 9–28; Cite this chapter. Download book PDF.

AGITATION AND MIXING OF LIQUIDS Many...

This chapter deals with the agitation of liquids of low to moderate viscosity and the mixing of liquids, liquid-gas dispersions, and liquid-solid suspensions.

Tks 324 Mixing and Agitation-05&06 | PDF | Gases

This document provides information about the course TKS 3245 on mixing and agitation. It discusses the design of mechanical towers, agitated tanks, cyclones and ...

HANDBOOK OF INDUSTRIAL MIXING

Chapters 7 and 9 present well-developed correlations for prediction of mixing time in this simplest case, and corrections for density and viscosity differences.

Chapter 9 Agitation And Mixing Michigan Technological

Page 1. Chapter 9 Agitation And Mixing Michigan. Technological. Powered by TCPDF (www.tcpdf.org). 1 / 1.

Unit Operations Chapter 9. Agitation and Mixing of Liquids

Agitation (P) is the induced motion of a material in a circulatory pattern. Mixing (<i>i>) is the random distribution of two or more separate phases.

(PDF) Elements of Chemical Reaction Engineering

... chapter, and are taken from lecture notes from an undergraduate class at Michigan. ... 9, Chap. 5 = 25°C (a) Determine whether the reaction rate is zero ...

chapter 9 (solution wip exercise): agitation & mixing of liquids

Answer: (i) an induced motion of a material in a specified way. (ii) random distribution, into & through one another of two.

Food Mixing: Principles and Applications

by PJ Cullen · 2021 · Cited by 142 — (Chapter 9). Negative effects include the breakdown of desired structure and ... This technology and application is discussed in detail in Chapter 10.

covers fields such as analog electronics, digital electronics, consumer electronics, embedded systems and power electronics. It is also involved in many... 23 KB (2,842 words) - 10:09, 2 March 2024

application of equipment, devices, and systems which use electricity, electronics, and electromagnetism. It emerged as an identifiable occupation in the... 80 KB (8,243 words) - 19:25, 17 March 2024

following outline is provided as an overview of and topical guide to applied science: Applied science – the branch of science that applies existing scientific... 30 KB (3,403 words) - 00:39, 12 March 2024

tools in probability theory, developed by Norbert Wiener, which were in their nascent stages of being applied to communication theory at that time. Shannon... 27 KB (3,546 words) - 13:11, 15 December 2023

and applied to other systems at every level of nesting, and in a wide range of fields for achieving optimized equifinality. General systems theory is about... 51 KB (5,973 words) - 15:11, 1 February 2024

ethics Virtue ethics Applied ethics Animal rights Bioethics Environmental ethics Moral psychology, Descriptive ethics, Value theory Aesthetics (outline)... 77 KB (4,657 words) - 05:31, 2 February 2024

include designing and improving infrastructure, machinery, vehicles, electronics, materials, and energy systems. The discipline of engineering encompasses... 87 KB (8,819 words) - 22:50, 16 February 2024

Printed electronics is a set of printing methods used to create electrical devices on various substrates. Printing typically uses common printing equipment... 48 KB (5,295 words) - 10:39, 4 February 2024

Control theory is a field of control engineering and applied mathematics that deals with the control of dynamical systems in engineered processes and machines... 45 KB (6,482 words) - 01:40, 16 March 2024

Power Electronics: A First Course. United States: Don Fowley. pp. 230–231. ISBN 978-1-118-07480-0. ON Semiconductor (November 2006). Thyristor Theory and... 13 KB (1,598 words) - 15:45, 1 January 2024

Project, electro-mechanical, electronics, construction, graphic communications, manufacturing, nanofabrication. Applied engineers are employed in a wide... 6 KB (734 words) - 22:52, 21 September 2023

of Dirac in quantum field theory, John R. Klauder, George Sudarshan, Roy J. Glauber, and Leonard Mandel applied quantum theory to the electromagnetic field... 13 KB (1,601 words) - 17:36, 1 August 2023

Engineering is the discipline and profession that applies scientific theories, mathematical methods, and empirical evidence to design, create, and analyze... 31 KB (292 words) - 01:39, 20 January 2024

user–machine interfaces. Definitions specific to sub-fields are common: In electronics and telecommunications, signal refers to any time-varying voltage, current... 30 KB (3,504 words) - 03:03, 3 February 2024

observed in practice. Among these, another software development process has been established in open source. The adoption of these best practices known and... 33 KB (3,949 words) - 10:29, 18 March 2024

returned to the circuit. Greater reactance gives smaller current for the same applied voltage. Reactance is used to compute amplitude and phase changes of sinusoidal... 14 KB (2,211 words) - 09:42, 17 June 2023

1960s, psionics was a proposed discipline that applied principles of engineering (especially electronics) to the study (and employment) of paranormal or... 19 KB (2,258 words) - 13:33, 17 March 2024

theoretical disciplines (such as algorithms, theory of computation, and information theory) to applied disciplines (including the design and implementation... 76 KB (7,037 words) - 05:35, 23 January 2024

tin in electronics due to the RoHS directive drove JEDEC and IPC to release a tin whisker acceptance testing standard and mitigation practices guideline... 16 KB (1,716 words) - 20:53, 23 December 2023

United States (ANSI/PMI 99-001-2008) and the Institute of Electrical and Electronics Engineers (IEEE 1490-2011). The evolution of the PMBOK Guide is reflected... 13 KB (1,383 words) - 09:52, 4 December 2023

Electronics Fundamentals - Electronics Fundamentals by Full Course 2,132,751 views 2 years ago 2 hours, 2 minutes - Electronics, Fundamentals If you have a knack for problem solving and a fascination with all things **electronic**., this course is for you ...

Basic Electronics For Beginners - Basic Electronics For Beginners by The Organic Chemistry Tutor 1,590,081 views 3 years ago 30 minutes - This video provides an introduction into basic **electronics**, for beginners. It covers topics such as series and parallel circuits, ohm's ...

Resistors

Series vs Parallel

Light Bulbs
Potentiometer
Brightness Control
Voltage Divider Network
Potentiometers
Resistance
Solar Cells

Launch Date Distant Shores IV is Launching - Launch Date Distant Shores IV is Launching by Distant Shores TV 10,203 views Streamed 8 hours ago 30 minutes - Live stream boat tour, March 18, 2024, just four weeks to launch.

Michio Kaku PANICS Over The SHOCKING Things Japan Saw On The Moon! - Michio Kaku PANICS Over The SHOCKING Things Japan Saw On The Moon! by The Ultimate Discovery 11,185 views 6 hours ago 31 minutes - The Slim Mission Breakthrough, Evolving Precision in Lunar Exploration, and Japan Setting the Bar for Lunar Explorations.

Believers' Bingo: Projection - Believers' Bingo: Projection by AronRa 17,755 views 14 hours ago 15 minutes - Join this channel to get access to perks: <https://www.youtube.com/channel/UCAJfDidJyuk-TekgSRZrjadw/join> If you like what I do, ...

I'm Writing A Book! (And it has nothing to do with this channel!) - I'm Writing A Book! (And it has nothing to do with this channel!) by saveitforparts 1,177 views 1 hour ago 14 minutes, 22 seconds - This really has nothing to do with the channel or my other videos, but it is one of my ongoing projects. And this channel is kind of a ...

#1099 How I learned electronics - #1099 How I learned electronics by IMSAI Guy 1,088,673 views 1 year ago 19 minutes - Episode 1099 I learned by reading and doing. The ARRL handbook and National Semiconductor linear application manual were ...

How How Did I Learn Electronics

The Arri Handbook

Active Filters

Inverting Amplifier

Frequency Response

You Won't Believe What Happened in the Russian Presidential Elections | Ukraine War Update - You Won't Believe What Happened in the Russian Presidential Elections | Ukraine War Update by Artur Rehi 134,824 views 6 hours ago 25 minutes - My Patreon page was deleted, consider supporting here: <https://www.buymeacoffee.com/arturrehi/membership> Keep an eye on ...

Transistors Explained - How transistors work - Transistors Explained - How transistors work by The Engineering Mindset 18,319,207 views 3 years ago 18 minutes - Transistors how do transistors work. In this video we learn how transistors work, the different types of transistors, **electronic**, circuit ...

Current Gain

Pnp Transistor

How a Transistor Works

Electron Flow

Semiconductor Silicon

Covalent Bonding

P-Type Doping

Depletion Region

Forward Bias

How to Troubleshoot Electronics Down to the Component Level Without Schematics - How to Troubleshoot Electronics Down to the Component Level Without Schematics by Electronic Tech 927,106 views 4 years ago 49 minutes - Have you ever had a printed circuit board go bad on you and you needed to repair it but you don't have schematics? If you don't ...

Intro

Visual Inspection

Component Check

Fuse

Bridge Rectifier

How it Works

Testing Bridge Rectifier

Testing Transformer

Verifying Secondary Side

Checking the Transformer

Visualizing the Transformer

The Formula

Testing the DC Out

Testing the Input

Testing the Discharge

MONSTER!! "I have the CONFESSIONS. Fraud did occur. Don't let them bury this!" - MONSTER!!

"I have the CONFESSIONS. Fraud did occur. Don't let them bury this!" by Neil Johnson 39,250 views

Streamed 2 hours ago 19 minutes - MyPillow.com/lumberjack - Use promo code "Lumberjack" for great savings on the best sleep products or call 800-568-2865.

What Went Wrong With Starship's Third Test Flight? - What Went Wrong With Starship's Third Test Flight? by Fraser Cain 56,168 views 5 hours ago 47 minutes - Another Test of SpaceX Starship Superheavy combo, another analysis of the flight with Scott Manley and Marcus House! Scott ...

Intro

The plan for IFT-3

Liftoff and hot staging

Booster return

Starship in orbit

Starship's re-entry

More interesting stuff

What's next

Artemis 3 plans

Scott and Marcus

SMT soldering practice - SMT soldering practice by socketwrench 14 views Streamed 1 day ago 1 hour, 11 minutes - I have a craving to solder, so let's try some surface mount work.

Ohms Law Explained - The basics circuit theory - Ohms Law Explained - The basics circuit theory by The Engineering Mindset 1,499,540 views 4 years ago 10 minutes - Ohms Law Explained. In this video we take a look at Ohms law to understand how it works and how to use it. We look at voltage, ...

Intro

Ohms Law

Voltage

Current

Resistance

A simple guide to electronic components. - A simple guide to electronic components. by bigclivedot-com 8,153,800 views 8 years ago 38 minutes - By request:- A basic guide to identifying components and their functions for those who are new to **electronics**.. This is a work in ...

Basic Electronics Part 1 - Basic Electronics Part 1 by Nerd's lesson 2,333,220 views 3 years ago 10 hours, 48 minutes - Instructor Joe Gryniuk teaches you everything you wanted to know and more about the Fundamentals of Electricity. From the ...

about course

Fundamentals of Electricity

What is Current

Voltage

Resistance

Ohm's Law

Power

DC Circuits

Magnetism

Inductance

Capacitance

I Bought A £20 Xbox One S From @EatBiscuits-GetRefurbed But Can I Fix It? - I Bought A £20 Xbox One S From @EatBiscuits-GetRefurbed But Can I Fix It? by TheCod3r 1,358 views 1 hour ago 31 minutes - repair #righttorepair #microsoldering <https://thecod3r.live/pcbway> PCBWay is the leading provider of custom printed circuit boards, ...

Mailbag Monday 188 - Mailbag Monday 188 by pileofstuff 3,123 views 10 hours ago 16 minutes - Happy Monday, it's tie to open the mail! More things I thought was interesting during my late night ebay trolling, and a few ...

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