

fondamenti di psicobiologia e psicologia fisiologica

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Explore the foundational principles of psychobiology and physiological psychology, uncovering the intricate links between brain function, biological processes, and human behavior. This comprehensive overview provides essential insights into neuroscience fundamentals, crucial for understanding how our physiological makeup profoundly influences our thoughts, emotions, and actions.

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LUIGI DE GENNARO | Catalogo dei Corsi di studio

Esercitazione di laboratorio, nell'ambito della didattica del Corso di Psicobiologia e Psicologia Fisiologica del primo anno del CdL di Psicologia e Processi ...

Psicobiologia e psicologia fisiologica

Fondamenti anatomo-fisiologici dell'attività mentale ... Metodi: ragionamento scientifico, metodo sperimentale, strategie di ricerca, tecniche di ricerca animale ...

Corso di laurea

Scienze e tecniche psicologiche per l'analisi dei processi psichici nello sviluppo e ... Fondamenti di psicobiologia e psicologia fisiologica con 4 cfu di ...

FONDAMENTI DI PSICOBIOLOGIA psi 19-20

Navigazione · Odontoiatria · Medicina e Chirurgia · Professioni Sanitarie · Psicologia Cognitiva e Neuroscienze (Magistrale) · Scienze Motorie e Sportive L 22.

Corso di laurea in Scienze e Tecniche Psicologiche

I anno · A, M-PSI/01 Psicologia generale, 12 · BIO/09 Fondamenti di fisiologia ; II anno · B · M-PSI/02 Psicobiologia e psicologia fisiologica, 12 · M-PSI/04 ...

PSICOBIOLOGIA I - Chieti

PSICOBIOLOGIA E PSICOLOGIA FISIOLOGICA (M-PSI/02). Sede: CHIETI. Partizioni ... ELEMENTI DI FISIOLOGIA UMANA, NEUROPSICOFARMACOLOGIA E PSICHIATRIA. 8 CFU.

Psicologia fisiologica A (studenti A-E)

26 Jun 2024 — L'insegnamento di PSICOLOGIA FISIOLOGICA è finalizzato a: - Far conoscere agli studenti/ alle studentesse i fondamenti dell'approccio ...

Fondamenti di psicologia fisiologica

Fondamenti di psicologia fisiologica ; Print length. 624 pages ; Language. Italian ; Publisher. Piccin-Nuova Libreria ; Publication date. 1 Sept. 2003 ; ISBN-10.

Psicobiologia e Psicologia Fisiologica

Fondamenti anatomo-fisiologici dell'attività mentale. Aspetti strutturali e ... Aspetti psicobiologici dell'abuso di sostanze e dei disturbi mentali.

psicobiologia e psicologia fisiologica (m-psi/02)

Descrizione dell'insegnamento · Principi di funzionamento dei circuiti nervosi: neuroni, sinapsi, neurotrasmettitori. · Metodi d'indagine delle neuroscienze ...

Biomedical Mass Transport and Chemical Reaction

Teaches the fundamentals of mass transport with a unique approach emphasizing engineering principles in a biomedical environment. Includes a basic review of ...

Biomedical Mass Transport and Chemical Reaction

Teaches the fundamentals of mass transport with a unique approach emphasizing engineering principles in a biomedical environment.

Biomedical Mass Transport and Chemical Reaction

Teaches the fundamentals of mass transport with a unique approach emphasizing engineering principles in a biomedical environment.

Biomedical Mass Transport and Chemical Reaction: ...

Teaches the fundamentals of mass transport with a unique approach emphasizing engineering principles in a biomedical environment.

Biomedical Mass Transport and Chemical Reaction

This work teaches the fundamentals of mass transport with a unique approach, emphasising engineering principles in a biomedical environment.

Biomedical Mass Transport and Chemical Reaction ...

Biomedical Mass Transport and Chemical Reaction: Physicochemical Principles and Mathematical Modeling 1st Edition is written by James S. Ultman; Harihara ...

Biomedical Mass Transport and Chemical Reaction ...

1 Jul 2016 — Teaches the fundamentals of mass transport with a unique approach emphasizing engineering principles in a biomedical environment.

Biomedical Mass Transport and Chemical Reaction - Ellibs

Teaches the fundamentals of mass transport with a unique approach emphasizing engineering principles in a biomedical environment.

Biomedical Mass Transport and Chemical Reaction

Biomedical Mass Transport and. Chemical Reaction. Physicochemical Principles and Mathematical Modeling. James S. Ultman. Harihara Baskaran. Gerald M. Saidel.

Biomedical Mass Transport and Chemical Reaction

Teaches the fundamentals of mass transport with a unique approach emphasizing engineering principles in a biomedical environment.

Trainer Thoraxdiagnostik Systematische Kardiopulm

CT Thorax - Systematische Bildanalyse - CT Thorax - Systematische Bildanalyse by Bettina Baeßler 42,183 views 2 years ago 18 minutes - 00:00 Intro 00:50 Scout-Bild 02:04 Weichteilfenster 13:20 Knochenfenster 14:58 Weichteilmantel 16:13 Lungenfenster 18:08 ...

Intro

Scout-Bild

Weichteilfenster

Knochenfenster

Weichteilmantel

Lungenfenster

Abschluss

Systematische Bildanalyse eines Röntgen Thorax - Systematische Bildanalyse eines Röntgen Thorax by Bettina Baeßler 52,351 views 3 years ago 12 minutes, 38 seconds - In diesem Video zeige ich euch, wie man systematisch an eine Röntgen-**Thorax**,-Aufnahme herangeht. Außerdem verrate ich euch ...

Intro

Warum systematische Bildanalyse? Die Vorteile

ABCDEF-Schema

A - Assessment

A - Airways / Atemwege

B - Bone / Knochen

C - Cardiovascular structures / Herz & Gefäße

D - Diaphragm / Zwerchfell

E - Effusion / Pleura & Randwinkel

F - Fields / Lungenfelder

F - Foreign objects / Fremdmaterial

Die "hidden areas"

Take home points

Anatomie im Röntgen Thorax - Anatomie im Röntgen Thorax by Bettina Baeßler 38,555 views 3 years ago 10 minutes, 39 seconds - In diesem Video zeige ich euch die Anatomie auf einer Röntgenaufnahme des **Thorax**, und verrate euch ein paar Tipps und Tricks, ...

Intro

Warum Röntgen-Anatomie?

ABCDEF-Schema

A - Airways / Atemwege

B - Bone / Knochen

C - Cardiovascular structures / Herz & Gefäße

D - Diaphragm / Zwerchfell

E - Effusion / Pleura & Randwinkel

F - Fields / Lungenfelder

Take home points

Akademie Online Studentenkurs: Röntgenthorax Basics - Frühjahr 2018 | DRG - Akademie Online

Studentenkurs: Röntgenthorax Basics - Frühjahr 2018 | DRG by Deutsche Roentgengesellschaft

110,790 views 6 years ago 2 hours, 7 minutes - Dieser Online-Kurs richtet sich vorwiegend an Medizinstudenten, die sich auf ihre mündliche Prüfung vorbereiten möchten.

Anatomie in der Computertomographie (CT) des Thorax - Anatomie in der Computertomographie (CT) des Thorax by Bettina Baeßler 25,748 views 2 years ago 14 minutes, 33 seconds - In diesem Video zeige ich euch die Anatomie in einer Computertomographie (CT) des **Thorax**,. Meinen interaktiven, Fall-basierten ...

Intro

ABCDEF-Schema

A - Airways / Atemwege

B - Bone / Knochen

C - Cardiovascular structures / Herz & Gefäße

D - Diaphragm / Zwerchfell

E - Effusion / Pleura & Randwinkel

F - Fields / Lungenfelder

Abschluss

Röntgen Thorax Befundung - Röntgen Thorax Befundung by medikalisch 49,383 views 5 years ago 7 minutes, 36 seconds - Dies ist lediglich ein Reupload der alten medikalisch Videos!

Schnittbildgebung des Abdomens: Anatomie - Schnittbildgebung des Abdomens: Anatomie by Bettina Baeßler 38,422 views 2 years ago 20 minutes - Heute gibt es was auf die Ohren (und Augen :-)) - und zwar von meiner Mitgründerin Dr. Mareike Franke! Sie ist unsere ...

Pankreasschwanz

Pankreascorpus

Pankreaskopf

Processus uncinatus

Duodenum

linke Flexur

Tube links

Ovar links

Tube rechts

Analkanal

Rectum

Arteria splenica

RÖNTGEN Thorax. Systematische Befundung. - RÖNTGEN Thorax. Systematische Befundung. by Doc Shakhnaz 1,544 views 1 year ago 6 minutes, 43 seconds - @Pleura>RÖNTGEN Thorax>5mB15e03@C4= anliegend. Kein Hinweis auf einen ...

CT Patterns of Lung Disease, Dr. Jannette Collins - MRI Online Noon Conference - CT Patterns of Lung Disease, Dr. Jannette Collins - MRI Online Noon Conference by MRI Online Powered by Medality 162,483 views 3 years ago 1 hour, 8 minutes - Welcome to MRI Online Noon Conference! In this video, Dr. Jannette Collins presents CT Patterns of Lung Disease. Subscribe to ...

Introduction

Disclosures

Objectives

Thumbnail Images

Honeycomb Pattern

Pulmonary fibrosis

Honeycombing

Cystic

Emphysema

Lung cell histiocytosis

nodular patterns

perilymphatic patterns

random patterns

bronchovascular pattern

mosaic pattern

mosaic perfusion

tree and bud

infection

other patterns

Aspergillosis

Cystic fibrosis

Septal thickening

How to Read a Chest CT - How to Read a Chest CT by Radiology Frameworks 5,636 views 11 months ago 22 minutes - When radiologists read a chest CT (computed tomography), we follow a systematic approach to evaluate the images and provide ...

Introduction

MPR vs. MIP

PACS Workstation

Technical Details Sheet

Localizer Image(s)

Surgical Changes, Devices & Other Objects

Airways

Pleural Space

Lungs for abnormal lucencies

Lungs for abnormal opacities

Lungs for nodules

Central Veins & Heart

Thoracic Aorta

Pulmonary Arteries

Esophagus

Thyroid

Anterior Mediastinum

Lymph Nodes

Upper Abdomen

Chest Wall soft tissues

Chest Wall skeleton

Closing

How to Review a Chest CT: My Search Pattern - How to Review a Chest CT: My Search Pattern by theRadiologist 8,159 views 1 year ago 26 minutes - Having a system to go through each kind of scan is so important - without it, it is so easy to miss things! Here I go through my ...

Intro

Airways

Parenchyma

Nodules

Mediastinum

Axillae and soft tissues

Abdomen

Bone

Lungenembolie - Erkennen und Diagnostizieren! (LAE Video Teil 1/2) - Lungenembolie - Erkennen und Diagnostizieren! (LAE Video Teil 1/2) by Nerdfallmedizin 89,080 views 5 years ago 14 minutes, 35 seconds - Die Lungenembolie - eine oft dramatische, manchmal aber auch ganz schön schwer zu diagnostizierende Erkrankung. In Video 1 ...

Einleitung

Sofortiger Tod: "PEA-Arrest"

Symptomatik sehr diffus...

Einteilung der Lungenembolie

Keine Rechtsherzbelastung

Intermed. Low

Keine Lysetherapie bei Intermediate-Risk

Kontrastmittelphasen in der CT - Teil 2 - Kontrastmittelphasen in der CT - Teil 2 by Bettina Baeßler 10,344 views 2 years ago 7 minutes, 41 seconds - Dies hier ist Teil 3 einer Serie über die Kontrastmittelphasen in der CT. In diesem Video erklärt meine Kollegin Dr. med. Mareike ...

Einleitung

Man muss den Bolus unbedingt verfolgen!

Native Phase (ohne Kontrastmittel)

Pulmonalarterielle Phase

Vergleich LAE-Ausschluss vs. Staging

Früh- Arterielle Phase: Gefäßdarstellung aller Stromgebiete 15-20 s post KM i.v.

Spät- Arterielle Phase: Organperfusion 35 - 40 s post KM i.v.

Portalvenöse Phase (70-80 s post KM i.v.)

Späte Phasen (6-10 min); urographische Phase (bis 60 min)

Je mehr man weiß, desto besser kann man die Untersuchung planen!

Strahlenbelastung und Dauer

Kontraindikationen ' Alternativen?

Life before limb!

Bildgebung bei Sarkoidose & ILD - Bildgebung bei Sarkoidose & ILD by Lungenfibrose Forum Austria 3,187 views 10 months ago 26 minutes - Sarkoidose und interstitielle Erkrankungen (ILDs) Vortrag von Prof. Dr. Helmut Prosch über bildgebende Diagnoseverfahren.

Einleitung

Röntgenuntersuchungen

Absorption von Röntgenstrahlen im Gewebe

Chest wall - Bones

Knochen

Sarkoidosetypen im Lungenröntgen

Stadium 0: Unauffälliges Thoraxröntgen (10%)

Typ I: Vergrößerung der hilären und/oder mediastinalen Lymphknoten (50%)

Stage II: Lymphknotenvergrößerung und sichtbare Lungenerkrankung (30%)

Typ III: Diffuse Lungenerkrankung ohne Lymphknotenvergrößerung (10%)

Typ IV: Lungenfibrose (5%)

Computertomographie (CT)

Wie funktioniert eine Computertomographie?

Volumen CT der Lunge

Was ist mit der Strahlendosis?

Fibrosierende Sarkoidose

Positronenemissionstomographie (PET)

Magnetresonanztomographie (MRT)

Sarkoidose des Herzens

Lungenkarzinom - Diagnostische Mittel | Dr. Kolb - Lungenkarzinom - Diagnostische Mittel | Dr. Kolb by CredoWeb.at 35,593 views 6 years ago 6 minutes, 18 seconds - Ein CT (Computertomographie) ist in der Detektion eines Lungenkarzinoms wesentlich genauer als ein **Thorax**,-Röntgen.

Lobar and Segmental Lung Anatomy on CT - Lobar and Segmental Lung Anatomy on CT by Thoracic Radiology 271,707 views 7 years ago 9 minutes, 5 seconds - How to find the lobar and segmental bronchi on axial CT. This video is meant for radiology residents, but would benefit thoracic ...

right mainstem bronchus

apical segment

anterior segment

posterior segment

bronchus intermedius

left mainstem bronchus

left upper lobe bronchus

How to read chest CT: bronchial anatomy - How to read chest CT: bronchial anatomy by theRadiologist 13,382 views 2 years ago 12 minutes, 26 seconds - In this video I go through the system to assess all of the airways on chest CT: this is something that is a must every time you read a ...

Intro

Chest CT

Lower Lobe

Pulmonary Segments

How I Read a Chest CT - How I Read a Chest CT by Thoracic Radiology 393,960 views 3 years ago 17 minutes - This is for first year residents, starting out on their chest rotation. This is the order in which I read a chest CT. When you first start ...

Introduction

Look for lymph nodes

Measuring lymph nodes

Axillary lymph nodes

Internal mammary artery

Lymph nodes

Normal thymus

Heart and aorta

Pulmonary arteries

Heart

Pleura

Abdomen

Axial

Soft tissues

Airways

Introduction to CT Chest - Anatomy and Approach - Introduction to CT Chest - Anatomy and Approach by Navigating Radiology 266,645 views 1 year ago 36 minutes - An introduction to CT chest, including the anatomy you need to know and an approach to reading images. Part 2: CTPA ...

Intro

Anatomy Approach

Thoracic Cavity
Mediastinum
Heart
Arteries
Pulmonary Artery
Veins
Airways
Esophagus
Lymph Nodes
Lungs
Right 10
Pleura
Lower Neck & Thyroid
Bones
Muscles
Abdomen
Scout

Soft Tissue Window

2. Chest wall, Thyroid

Next Video

Wie funktioniert CT? Fenstern und "Densologie" - Wie funktioniert CT? Fenstern und "Densologie" by Bettina Baeßler 8,496 views 2 years ago 7 minutes, 2 seconds - In diesem Video zeige ich euch, was die Radiologin meint, wenn sie von "fenstern" spricht, wie man das macht, was es mit den ...

Intro

Warum Fenstern?

Was ist die Fenster-Technik?

Window und Level

Weichteil-Fenster

Lungen-Fenster

Knochen-Fenster

Alle Fenster sind aus demselben Datensatz berechnet!

Fenstern praktisch demonstriert

Iso, -hyper- und hypodens

Take home points

Röntgen: Was sehe ich auf einem Röntgenbild? | Erklärvideo - Röntgen: Was sehe ich auf einem Röntgenbild? | Erklärvideo by Knappschaft Kliniken 6,759 views 3 years ago 2 minutes, 15 seconds - Was man aber alles auf einem Röntgenbild sehen und ableiten kann, erklärt erklärt Dr. Svenja Hennigs, Chefärztin der Klinik für ...

Konventionelle Radiologie – wie funktioniert das? - Konventionelle Radiologie – wie funktioniert das? by Kantonsspital St.Gallen 31,204 views 4 years ago 1 minute, 59 seconds - Wie funktioniert die konventionelle Radiologie (konventionelles Röntgen)? In der konventionellen Radiologie werden Bilder mit ...

CT-Untersuchung: Alle Fragen rund um Vorbereitung, Ablauf, Bildauswertung - CT-Untersuchung: Alle Fragen rund um Vorbereitung, Ablauf, Bildauswertung by Universitätsklinikum Freiburg 23,072 views 1 year ago 4 minutes, 53 seconds - Ein CT, kurz für Computertomografie, ist eine der häufigsten Untersuchungen im Krankenhaus. In diesem Video erklärt Prof.

Wie muss man sich auf eine CT-Untersuchung vorbereiten?

Ablauf einer CT-Untersuchung

Auswertung der CT-Bilder

Cross sectional and imaging anatomy of the thorax - Cross sectional and imaging anatomy of the thorax by Human Anatomy Education 221,329 views 10 years ago 41 minutes - This video deals with the anatomy of the **thorax**, in transverse anatomical and axial CT sections. The video begins with a ...

Introduction

Section 1

Section 2

Section 3

Axial CT 1

Section 4

Axial CT 2
Section 5
Axial CT 3
Section 6, level of T4 vertebra
Axial CT 4
Section 7
Axial CT 5
Section 8
Axial CT 6
Section 9
Axial CT 7
Section 10
Section 11
Axial CT 8
Section 12
Section 13
Section 14
Section 15
Axial CT 9
Axial CT 10

Normalbefund eines Thorax Röntgenbilds (anatomische Basics) - Normalbefund eines Thorax Röntgenbilds (anatomische Basics) by Dr. Claudia Bignon 2,094 views 2 years ago 3 minutes, 45 seconds
- Wie wird ein Röntgenbild des Brustkorbs beurteilt? Die Basics findet Ihr hier. Ein Röntgenbild des Brustkorbs, auch als ...

Einführung

Das Herz

Herzinsuffizienz

Verästelungen

Luftröhre

Verschattung

Mann oder Frau?

Wirbelsäule

Hilfe! So viel Fremdmaterial im Röntgen Thorax?! Ein erster Beispielfall mit Befundung - Hilfe! So viel Fremdmaterial im Röntgen Thorax?! Ein erster Beispielfall mit Befundung by Bettina Baeßler 748 views 2 months ago 22 minutes - Du bist Einsteiger*in in der Thoraxradiologie und quälst Dich mit den Liegend- und Intensiv-Lungen ab, die sich bei Dir jeden Tag ...

CT – was ist das? - CT – was ist das? by Kantonsspital St.Gallen 126,360 views 4 years ago 1 minute, 30 seconds - Was ist ein CT und wie funktioniert es? Die Computertomographie (CT) erzeugt mit Hilfe von Röntgenstrahlen Querschnittsbilder ...

Pneumothorax Röntgen Beispiele erklärt - Pneumothorax Röntgen Beispiele erklärt by PictureMedicine 10,368 views 3 years ago 4 minutes, 50 seconds - Bilder Eigentum der Medizinischen Fakultät Banja Luka X-ray images courtesy of Faculty of Medicine Banja Luka.

CT Anatomie vom Thorax | Strahlentherapie Prof. Hilke Vorwerk - CT Anatomie vom Thorax | Strahlentherapie Prof. Hilke Vorwerk by Tumor Target Therapy 6,643 views 3 years ago 6 minutes, 48 seconds - CT Anatomie vom **Thorax**, Prof. Hilke Vorwerk erklärt Strahlentherapie und Radioonkologie: Strahlentherapie verstehen und ...

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Spherical videos

Topological Symbolic Dynamics

Inside Dynamical Systems and the Mathematics of Change - Inside Dynamical Systems and the Mathematics of Change by Quanta Magazine 40,160 views 3 years ago 2 minutes, 10 seconds - Bryna Kra searches for structures using **symbolic dynamics**, „[I love] finding order where you didn't know it existed,” she said.

Symbolic Dynamics - Dynamical Systems | Lecture 34 - Symbolic Dynamics - Dynamical Systems | Lecture 34 by Jason Bramburger 537 views 3 months ago 35 minutes - It is often the case that **dynamical**, systems are difficult to analyze and so we seek a simplified representation to analyze them.

Dynamical Systems & Symbolic Dynamics: Memory and Substitutions | Nathan Dalaklis - Dynamical Systems & Symbolic Dynamics: Memory and Substitutions | Nathan Dalaklis by CHALK 4,300 views 6 years ago 4 minutes, 46 seconds - What type of math goes into memory and data storage? Well, as it turns out, **Symbolic Dynamics**., a subfield of Dynamical Systems ...

Dynamical Systems
Symbolic Pendulum
Substitution Maps
Smooth Dynamic vs Symbolic Dynamic - Smooth Dynamic vs Symbolic Dynamic by Fields Institute 251 views 1 year ago 1 hour, 2 minutes - Speaker: Olivier Mathieu, Institut Camille Jordan Date: April 25th, 2022 Abstract: ...

Symbolic dynamics for low-dimensional systems with positive entropy - Y. Lima - Lecture 01 - Symbolic dynamics for low-dimensional systems with positive entropy - Y. Lima - Lecture 01 by ICTP Mathematics 1,260 views 7 years ago 48 minutes - ... fully dedicated to these students so if you understand why **symbolic dynamics**, are useful for dynamics on Thursday I will already ...

Symbolic dynamics for nonuniformly hyperbolic systems 1 of 5 - Symbolic dynamics for nonuniformly hyperbolic systems 1 of 5 by ICTP Mathematics 1,505 views Streamed 2 years ago 2 hours, 6 minutes - Convener: Yuri Lima (UFC, Brazil) Mini-Course Markov Partitions and Young Towers in **Dynamics**, | (smr 3642) In the 1970s, Sinai, ...

Symbolic Dynamics for Non-Uniformly Hyperbolic Systems
Examples
Geodesic Flows in Negative Curvature
Geodesic Flow
Uniform Hyperbolic Flow
The Simplest Examples in the Non-Uniformly Hyperbolic Context
Example of Flows That Is Non-Uniformly Hyperbolic
Collision Map
Examples of Non-Uniformly Hyperbolic Billiards
Symbolic Models
Topological Markov Shift
Periodic Points
Liapunov Charts
Graph Transforms
Grass Transform
How Is V_n Defined
The Local Stable Manifold
What Is Non-Uniform Hyperbolicity about
Lyapunov Exponent
Laplace Exponent
Specie Charts
Constructing the Environment Manifolds
Generalization in diffusion models from geometry-adaptive harmonic representation | Zahra Kadkhodaie - Generalization in diffusion models from geometry-adaptive harmonic representation | Zahra Kadkhodaie by Valence Labs 451 views 9 days ago 1 hour, 35 minutes - Abstract: High-quality samples generated with score-based reverse diffusion algorithms provide evidence that deep neural ...

Intro + Background
Diffusion Models + Denoising
Transition from Memorization to Generalization
Denoising as Shrinkage in a Basis
Inductive Biases
Q + A
Topological Deep Learning - Topological Deep Learning by Institute for Mathematical Sciences 3,535 views 1 year ago 1 hour, 10 minutes - Professor Gunnar Carlsson , Stanford University, USA.
Topology & Geometry - LECTURE 01 Part 01/02 - by Dr Tadashi Tokieda - Topology & Geometry - LECTURE 01 Part 01/02 - by Dr Tadashi Tokieda by African Institute for Mathematical Sciences (South Africa) 459,001 views 9 years ago 27 minutes - This video forms part of a course on **Topology**,

& Geometry by Dr Tadashi Tokieda held at AIMS South Africa in 2014. **Topology**, ...

Introduction

Classical movie strip

Any other guesses

Two parts will fall apart

Who has seen this before

One trick twisted

How many twists

Double twist

Interleaved twists

Boundary

Revision

Two Components

FractalU.com- Tufan Guven: Physics of Implosion, Toroidal Dynamics. - FractalU.com- Tufan Guven:

Physics of Implosion, Toroidal Dynamics. by Dan Winter 2,620 views Streamed 4 days ago 1 hour,

21 minutes - FractalU.com- Tufan Guven: Physics of Implosion, Toroidal **Dynamics**,. <http://www.fractalu.com> Tufan is at ...

Math's Fundamental Flaw - Math's Fundamental Flaw by Veritasium 26,608,817 views 2 years ago

34 minutes - Special thanks to Prof. Asaf Karagila for consultation on set theory and specific rewrites,

to Prof. Alex Kontorovich for reviews of ...

Game of Life

Start Writing Down a New Real Number

Paradox of Self-Reference

Goodall's Incompleteness Theorem

Is Mathematics Decidable

The Spectral Gap

Touring Completeness

Field Theory Fundamentals in 20 Minutes! - Field Theory Fundamentals in 20 Minutes! by Physics

with Elliot 560,494 views 2 years ago 22 minutes - The most fundamental laws of nature that human

beings have understood---the standard model of particle physics and Einstein's ...

MAE5790-1 Course introduction and overview - MAE5790-1 Course introduction and overview by

Cornell MAE 364,450 views 9 years ago 1 hour, 16 minutes - Historical and logical overview of

nonlinear **dynamics**,. The structure of the course: work our way up from one to two to ...

Intro

Historical overview

deterministic systems

nonlinear oscillators

Edwin Rentz

Simple dynamical systems

Feigenbaum

Chaos Theory

Nonlinear systems

Phase portrait

Logical structure

Dynamical view

INTRODUCTION TO THE QUANTUM HALL EFFECT - INTRODUCTION TO THE QUANTUM HALL

EFFECT by Topological quantum matter - Weizmann online 7,270 views 2 years ago 19 minutes -

... **topology**, so the quantum hall effect is a **topological**, state of matter and the question we'll ask

here is are there other **topological**, ...

7.2: Wolfram Elementary Cellular Automata - The Nature of Code - 7.2: Wolfram Elementary Cellular

Automata - The Nature of Code by The Coding Train 185,687 views 8 years ago 19 minutes - This

video covers the basics of Wolfram's elementary 1D cellular automaton. (If I reference a link or project

and it's not included in ...

Introduction

Wolframs Book

Rule 222

OneDimensional vs TwoDimensional CA

Wolfram Rules

Cell Arrays

Next Generation

Rules

More examples

Conclusion

Feynman-"what differs physics from mathematics" - Feynman-"what differs physics from mathematics" by PankaZz 1,759,827 views 5 years ago 3 minutes, 9 seconds - A simple explanation of physics vs mathematics by RICHARD FEYNMAN.

AppDynSys : Symbolic Dynamics : Subshift - AppDynSys : Symbolic Dynamics : Subshift by Prof Ghrist Math 654 views 4 years ago 27 seconds - This horseshoe-like map does not have the usual shift **dynamics**, on 2 **symbols**,. Rather, it defines a subshift of finite type. Using a ...

ADS : Vol 4 : Chapter 3.4 : Symbolic Dynamics for Lorenz - ADS : Vol 4 : Chapter 3.4 : Symbolic Dynamics for Lorenz by Prof Ghrist Math 1,047 views 3 years ago 8 minutes, 13 seconds - Our strategy now shifts to a phenomenally important idea: **symbolic dynamics**,.

Symbolic Dynamics

The Setup

Binary Decimals

Topological Conjugacy

ADS : Vol 4 : Chapter 7.4 : The Topological Conjugacy - ADS : Vol 4 : Chapter 7.4 : The Topological Conjugacy by Prof Ghrist Math 886 views 3 years ago 9 minutes, 32 seconds - Showing that the horseshoe invariant set is conjugate to the shift on bi-infinite **symbol**, sequences is not too bad, once you ...

THE CRUCIAL PART

the GEOMETRY

BIJECTION

ADS : Vol 4 : Chapter 7.1 : Recalling 1-D Symbolic Dynamics - ADS : Vol 4 : Chapter 7.1 : Recalling 1-D Symbolic Dynamics by Prof Ghrist Math 553 views 3 years ago 8 minutes, 40 seconds - Let's warm-up with a recollection of how we did **symbolic dynamics**, in the context of the doubling map and the tent map.

Intro

Doubling Map

Intervals

Binary Decimals

Tent Map

Omer Tamuz, Characteristic measures of symbolic dynamical systems. Joint with Joshua Frisch. - Omer Tamuz, Characteristic measures of symbolic dynamical systems. Joint with Joshua Frisch. by UT Groups & Dynamics 353 views 3 years ago 59 minutes - A probability measure is a characteristic measure of a **topological dynamical**, system if it is invariant to the automorphism group of ...

What Is Dynamical System

Invariant Measures

Example of a System That Does Have a Characteristic Measure

Automorphisms

Are There any Symbolic Topological Systems without Characteristic Measures

What Does Zero Entropy Mean

Group Actions

Tension Theorem

Nonlinear Dynamics: Topology, Diffeomorphisms, and Reconstruction of Dynamics - Nonlinear Dynamics: Topology, Diffeomorphisms, and Reconstruction of Dynamics by Complexity Explorer 5,408 views 5 years ago 4 minutes, 30 seconds - These are videos from the Nonlinear **Dynamics**, course offered on Complexity Explorer (complexityexplorer.org) taught by Prof.

The tent map and its symbolic dynamics - The tent map and its symbolic dynamics by Aerodynamic CFD 2,783 views 3 years ago 5 minutes, 8 seconds - And uh what i want to point out is that uh uh this map the lorenz map itself is a chaotic **dynamical**, system right so so it's called a ...

Symmetries in symbolic dynamics - Bryna Kra - Symmetries in symbolic dynamics - Bryna Kra by Stony Brook Mathematics 249 views 2 years ago 1 hour, 3 minutes - Stony Brook Mathematics Colloquium Bryna Kra, Northwestern University April 8, 2021 Originating in the work of Hadamard in the ...

Basics of Symbolic Dynamics

Bi-Infinite Sequence

Periodic Shift

Full Shift
 Subshift to Finite Type
 The Fibonacci Shift
 Siermian Shift
 Automorphism of a Subshift
 When Are They Isomorphic as Abstract Groups
 The Stabilized Automorphism Group
 Facts about the Stabilized Automorphism Group
 Action of the Automorphism Group
 The Dimension Representation
 P Entropy
 The Finite Order Generation Conjecture
 Kim Rausch Wagoner Theorem
 Commutator Subgroup
 Is It a Complete Invariant of the Stable Group of Automorphisms
 Snir Ben Ovadia - Symbolic dynamics for orbits with 0 Lyapunov exponents - ICTP 2021 - Snir Ben Ovadia - Symbolic dynamics for orbits with 0 Lyapunov exponents - ICTP 2021 by ICTP Mathematics
 172 views 2 years ago 1 hour, 3 minutes - Symbolic dynamics, for orbits with 0 Lyapunov exponents
 Speaker: Snir Ben Ovadia (Weizman, Israel) ...
 Introduction
 Overview
 Framework
 Spacing reduction
 Temperability
 Main ideas
 Lapierrres formula
 Greedy algorithm
 Gap transformer
 Examples
 Zero summable
 Conditions
 Temperability rate of contraction
 Questions
 Lecture 12: Conjugacy & transition graphs for winning at symbolic dynamics - Lecture 12: Conjugacy & transition graphs for winning at symbolic dynamics by Chaos, Fractals, & Dynamical Systems 1,491 views 7 years ago 1 hour, 15 minutes - <https://cdanfort.w3.uvm.edu/courses/266/lecture-notes/classes-10-15.pdf>.
 Homework
 Conjugacy the Logistic Map
 Conjugacy
 Where did C come from
 Slopes
 Transition graphs
 Twodimensional map
 Partitions
 Drawing transition graphs
 Continuity
 Combinatorial Topological Dynamics - Combinatorial Topological Dynamics by Fields Institute 302 views 1 year ago 42 minutes - Speaker: Marian Mrozek, Wydział Matematyki i Informatyki, Uniwersytet Jagielloński Date: September 28th, 2022 Abstract: ...
 Conley index examples.
 Space reconstruction from cloud of points.
 Sampled dynamics: two flavours
 Forman's combinatorial (discrete) vector fields.
 Combinatorial dynamical systems.
 Isolating neighborhoods and isolated invariant sets
 Conley theory for combinatorial multivector fields
 Morse decomposition and Conley-Morse graph..
 Multivector field construction..

Persistence and combinatorial dynamics

Persistence of Conley index and Morse decompositions

Concluding remarks

ADS : Vol 4 : Chapter 3.5 : Proving Chaos via Symbolic Dynamics - ADS : Vol 4 : Chapter 3.5 : Proving Chaos via Symbolic Dynamics by Prof Ghrist Math 1,059 views 3 years ago 9 minutes, 12 seconds - Let's wrap up our proof of chaos in the (geometric) Lorenz system by putting what we know about **symbol**, sequences to work.

Intro

Theorem

Proof

Conclusion

Dense orbits

Questions

Summary

Horseshoe Map - Essence of Chaos, Symbolic Dynamics, and the Shift Map - Horseshoe Map - Essence of Chaos, Symbolic Dynamics, and the Shift Map by Dr. Shane Ross 2,822 views 2 years ago 28 minutes - A 2D map with the essential ingredients of stretching, folding, and re-injection that give rise to chaos--the Smale horseshoe map.

Intro

The square

The horseshoe map

Infinite intersection

Shift map

Invariants

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General

Subtitles and closed captions

Spherical videos

In search of equality

Just over 50 years ago several African countries drew up new Constitutions which included protocols such as the Protocol on the Rights of Women. Decades later, has constitutional reform brought gender equality to women in Africa? And what does gender equality mean in the everyday lives of women on the continent? The contributors to this volume provide insights into women's rights in seven African countries - Cote d'Ivoire, Malawi, Namibia, Nigeria, Rwanda, South Africa and Uganda. Each looks at the causes, context and consequences of the struggle to uphold women's rights. Their case studies illustrate property-grabbing in Malawi, women's citizenship in Nigeria, and the rise of hate crimes and sexual violence against black lesbians in South Africa, among other issues.

Women, Law and Human Rights

Africa, with its mix of statute, custom and religion is at the centre of the debate about law and its impact on gender relations. This is because of the centrality of the gender question and its impact on the cultural relativism debate within human rights. It is therefore important to examine critically the role of law, broadly constructed, in African societies. The book focuses on women's experiences in the family. This is because the lives of women continue to be lived out largely in the private domain, where the right to privacy is used to conceal unequal treatment of women which is justified by invoking 'custom' and 'tradition'. The book shows how law and its interpretation is used to disenfranchise women, resulting in their being deprived of land and other property which they may have helped to accumulate. It also considers issues of violence within the home, reproductive rights and examines the issue of female genital cutting. The role of women in development is explored as is their participation in politics and the NGO sector. A major theme of the book is a consideration of the linkages of constitutional and international human rights norms with local values. This is done using feminist tools of analysis. The book considers the provisions of the Protocol to the African Charter on Human and People's Rights on the Rights of Women which was adopted by the African Union in July 2003.

Negotiating the Power of NGOs

Explores the role of NGOs as mediators in crucial litigation cases on women's rights in South Africa.

From Cape Town to Kabul

Using her experience of living under apartheid and witnessing its downfall and the subsequent creation of new governments in South Africa, the author examines and compares gender inequality in societies undergoing political and economic transformation. By applying this process of legal transformation as a paradigm, the author applies this model to Afghanistan. These two societies serve as counterpoints through which the book engages, in a nuanced and novel way, with the many broader issues that flow from the attempts in newly democratic societies to give effect to the promise of gender equality. Developing the idea of 'conditional interdependence', the book suggests a new approach based on the communitarian values which underpin newly democratic societies and would allow women's rights to gain momentum and reap greater benefits. Broad in its thematic approach, the book generates challenging and complex questions about the achievement of gender equality. It will be of interest to academics interested in gender and human rights, international and comparative law.

Women's Rights to Social Security and Social Protection

This collection examines the human rights to social security and social protection from a women's rights perspective. The contributors stress the need to address women's poverty and exclusion within a human rights framework that takes account of gender. The chapters unpack the rights to social security and protection and their relationship to human rights principles such as gender equality, participation and dignity. Alongside conceptual insights across the field of women's social security rights, the collection analyses recent developments in international law and in a range of national settings. It considers the ILO's Social Protection Floors Recommendation and the work of UN treaty bodies. It explores the different approaches to expansion of social protection in developing countries (China, Chile and Bolivia). It also discusses conditionality in cash transfer programmes, a central debate in social policy and development, through a gender lens. Contributors consider the position of poor women, particularly single mothers, in developed countries (Australia, Canada, the United States, Ireland and Spain) facing the damaging consequences of welfare cuts. The collection engages with shifts in global discourse on the role of social policy and the way in which ideas of crisis and austerity have been used to undermine rights with harsh impacts on women.

Without Prejudice

CEDAW - the UN Convention on the Elimination of All Forms of Discrimination Against Women - is a powerful international human rights instrument that reflects a global determination to achieve gender equality. This book looks at the cultural and legal challenges relating to the implementation of CEDAW, and the individual approaches adopted.

Rethinking Equality Projects in Law

The concept of equality has been a key animating principle of modern feminism, and has been highly productive for feminist legal thought and feminist politics concerning law. Today however, given the failure to achieve material and psychic equality for women, feminists have come to challenge the usefulness of equality as a concept, a particular definition, or a basis for strategising. The papers in this collection reflect these concerns, primarily in the context of English-speaking, common law cultures. Collectively, the papers analyse a range of equality projects across a number of areas of public and private law, considering both competing conceptions of equality and alternatives to it. In taking stock across a century and a half and around the globe, the book illustrates the range of ways in which equality projects in law have been challenged by, and remain a challenge for, feminism.

Temporary Special Measures

Revised papers and comments that were presented at the meeting organised in Maastricht, in October 2002. The aim of the meeting was threefold: to provide input for the CEDAW Committee; stimulate the legal debate on the issue of temporary measures; and contribute towards the promotion of positive action measures in the Netherlands.

WOMEN'S RIGHTS IN NIGERIA

Nigerian women are undeniably Nigerians. The status bestowed on them, rights and privileges enjoyed by other Nigerians. More so, statistics reveals that they constitute 69,086,302 of Nigeria's 140,431,790 population. This book examines the enforcement of women's rights as human rights in Nigeria. In doing this, it considers customs, constitution, laws, policies, courts' decisions as the court is the last hope of the common man and the place of obligations-imposing international and regional treaties ratified by Nigeria. Also it examines the difficulty of proper balancing of ideals like repressive customs versus societal standards, judicial activism versus Separation of Powers, inadequacy of laws versus non exhaustiveness of laws, international versus local laws supremacy.

In Search of Gender Justice

What might gender justice look like in matrilineal Malawi? Ideas about gender and human rights have exerted considerable influence over African policy makers and civil society organisations in recent years, and Malawi is no exception. There, concerted efforts at civic education have made the concepts of human and women's rights widely accessible to the rural poor, albeit in modified form. In this book, Jessica Johnson listens to the voices of ordinary Malawian citizens as they strive to resolve disputes and achieve successful gender and marital relations. Through nuanced ethnographic description of aspirations for gender and marital relationships; extended analysis of dispute resolution processes; and an examination of the ways in which the approaches of chiefs, police officers and magistrates intersect, this study puts relationships between law, custom, rights, and justice under the spotlight.

Women's Rights and Religious Law

The three Abrahamic faiths have dominated religious conversations for millennia but the relations between state and religion are in a constant state of flux. This relationship may be configured in a number of ways. Religious norms may be enforced by the state as part of a regime of personal law or, conversely, religious norms may be formally relegated to the private sphere but can be brought into the legal realm through the private acts of individuals. Enhanced recognition of religious tribunals or religious doctrines by civil courts may create a hybrid of these two models. One of the major issues in the reconciliation of changing civic ideals with religious tenets is gender equality, and this is an ongoing challenge in both domestic and international affairs. Examining this conflict within the context of a range of issues including marriage and divorce, violence against women and children, and women's political participation, this collection brings together a discussion of the Abrahamic religions to examine the role of religion in the struggle for women's equality around the world. The book encompasses both theory and practical examples of how law can be used to negotiate between claims for gender equality and the right to religion. It engages with international and regional human rights norms and also national considerations within countries. This book will be of great relevance to scholars and policy makers with an interest in law and religion, gender studies and human rights law.

Gender Justice and Legal Pluralities

Gender Justice and Legal Pluralities: Latin American and African Perspectives examines the relationship between legal pluralities and the prospects for greater gender justice in developing countries. Rather than asking whether legal pluralities are 'good' or 'bad' for women, the starting point of this volume is that legal pluralities are a social fact. Adopting a more anthropological approach to the issues of gender justice and women's rights, it analyzes how gendered rights claims are made and responded to within a range of different cultural, social, economic and political contexts. By examining the different ways in which legal norms, instruments and discourses are being used to challenge or reinforce gendered forms of exclusion, contributing authors generate new knowledge about the dynamics at play between the contemporary contexts of legal pluralities and the struggles for gender justice. Any consideration of this relationship must, it is concluded, be located within a broader, historically informed analysis of regimes of governance.

The Legal Protection of Women From Violence

Violence against women remains one of the most pervasive human rights violations in the world today, and it permeates every society, at every level. Such violence is considered a systemic, widespread and pervasive human rights violation, experienced largely by women because they are women. Yet at the international level, there is a gap in the legal protection of women from violence. There is currently no binding international convention that explicitly prohibits such violence; or calls for its elimination; or,

mandates the criminalisation of all forms of violence against women. This book critically analyses the treatment of violence against women in the United Nations system, and in three regional human rights systems. Each chapter explores the advantages and disadvantages coming from the legal instruments, the work of the monitoring systems, and the resulting findings and jurisprudence. The book proposes that the gap needs to be addressed through a new United Nations Convention on the Elimination of All Forms of Violence against Women, or alternatively an Optional Protocol to the Convention on the Elimination of all Forms of Discrimination against Women. A new Convention or Optional Protocol would be part of the transformative agenda that is needed to normatively address the promotion of a life free of violence for women, the responsibility of states to act with due diligence in the elimination of all forms of violence against all women, and the systemic challenges that are the causes and consequences of such violence.

Women and Law in Sub-Saharan Africa

Examines legal problems that affect the status of women in Sub-Saharan Africa. Includes a collection of cases and statutes from various African nations. Presents commentaries by African authors.

Social Movements and Democracy in Africa

This book examines social movements in Africa, analyzing how they emerge and how they may impact public policy, the legal and political situation, and the society by focusing on the following question: How do women's political and legal rights get extended and institutionalized in a patriarchal democratic society?

Gender, Law and Justice

Feminist lawyers have long been engaged in critiquing the gendered nature of South African law. This project has increased in importance and scope as a result of the centrality of gender equality, as a value and a substantive right, in the South African Constitution. Gender, Law and Justice provides both theoretical and practical tools to enable academic and practising lawyers to apply concepts of gender equality to the law. It introduces readers to basic feminist concepts and arguments, and to a wealth of local, comparative and international material on gender and the law. It also illustrates how the law may be shaped to transform the social, cultural and economic conditions of women's lives in South Africa, at the same time as it acknowledges the limits of legal strategies for change. This book has three main objectives. The first is to identify the different positions of women in South Africa and to examine the disparate impact of the legal system on their lives. Secondly, it aims to expose the gender bias in legal concepts and in the content and application of legal rules. Thirdly, it suggests changes to the law, and evaluates those changes that have already occurred, with a view to developing the law so that it is better able to ensure justice and meet the diverse needs of women in South Africa.

Advancing Women's Rights

In recent years, there have been impressive gains in reforming laws to recognise women's rights. However, women continue to lack control over resources, access to services, voice in decision-making and protection from violence. The UN Women's report, Progress of the World's Women 2010/2011 will focus on women's access to justice. It will identify effective strategies employed by governments, civil society and multilateral organizations worldwide to expand women's access to justice and rights.

In Pursuit of Justice

Women judges are playing increasingly prominent roles in many African judiciaries, yet there remains very little comparative research on the subject. Drawing on extensive cross-national data and theoretical and empirical analysis, this book provides a timely and broad-ranging assessment of gender and judging in African judiciaries. Employing different theoretical approaches, the book investigates how women have fared within domestic African judiciaries as both actors and litigants. It explores how women negotiate multiple hierarchies to access the judiciary, and how gender-related issues are handled in courts. The chapters in the book provide policy, theoretical and practical prescriptions to the challenges identified, and offer recommendations for the future directions of gender and judging in the post-COVID-19 era, including the role of technology, artificial intelligence, social media, and institutional transformations that can help promote women's rights. Bringing together specific cases from Kenya, Uganda, Ghana, Nigeria, Zambia, Tanzania, and South Africa and regional bodies such as ECOWAS

and the African Commission on Human and Peoples' Rights, and covering a broad range of thematic reflections, this book will be of interest to scholars, students, and practitioners of African law, judicial politics, judicial training, and gender studies. It will also be useful to bilateral and multilateral donor institutions financing gender-sensitive judicial reform programs, particularly in Africa.

Gender, Judging and the Courts in Africa

"Of the approximately 50,000 rape cases reported in South Africa every year, only between 4% and 8% end in conviction. To understand the criminal justice system's failure to adequately deal with sexual violence, one needs to start with the police. This book tells the story of some of the cases reported to the South African Police Service and how they were dealt with"--Publisher's description.

Rape Unresolved

Constitutionalism affirms the idea that democracy should not lead to the violation of human rights or the oppression of minorities. This book aims to explore the relationship between constitutional law and feminism. The contributors offer a spectrum of approaches and the analysis is set across a wide range of topics, including both familiar ones like reproductive rights and marital status, and emerging issues such as a new societal approach to household labor and participation of women in constitutional discussions online. The book is divided into six parts: I) feminism as a challenge to constitutional theory; II) feminism and judging; III) feminism, democracy, and political participation; IV) the constitutionalism of reproductive rights; V) women's rights, multiculturalism, and diversity; and VI) women between secularism and religion.

Feminist Constitutionalism

The recognition of women and female rights as a different concept in international law has fully been accepted in modern nation states. The fight for the protection and advancement of women and female rights as an international human right has been an on going work. Women and female children all over the world have always enjoyed lesser rights when compared with men and boys in every society whether primitive, developing or developed societies. Many governments all over the world have enacted laws and regulations to promote and protect the rights of women and female children. A lot of laws have been put in theory to give women equality with men. In reality or practice, many women and female children all over the world still find it difficult to realize their rights. This book acknowledges that in theory many African states have tried to change the statue books to accord women and female child some level of equality with men and boys but at the same time a look at the practice of the law in many African states shows a different pattern. There is a big disconnect between women's theoretical rights and the reality or practice of the theory. The objective of this book is to look at how far the law in print on the rights of women and female child has become the law in practice/reality in Africa. Rev. Dr. Eleazar E. Otiocha obtained both his master's (LLM) and doctorate (SJD) degrees in International Legal Studies from Golden Gate University, School of Law, San Francisco, California, after obtaining LLB and BL with Honors degrees from University of Nigeria, Enugu Campus and Nigerian Law School respectively. He has master's degree (M.Div.) in Divinity from Church Divinity School of the Pacific, Berkeley, California and is a licensed Clergy and Minister in Convocation of Anglicans in North America (CANA) and Anglican Communion Nigeria. Rev. Dr. Otiocha is a licensed lawyer, clergy and teacher. His research interests include Public international law, International Human rights, Human Rights in developing countries, Women and law, Religion and law. The recognition of women and female rights as a different concept in international law has fully been accepted in modern nation states. The fight for the protection and advancement of women and female rights as an international human right has been an on going work. Women and female children all over the world have always enjoyed lesser rights when compared with men and boys in every society whether primitive, developing or developed societies. Many governments all over the world have enacted laws and regulations to promote and protect the rights of women and female children. A lot of laws have been put in theory to give women equality with men. In reality or practice, many women and female children all over the world still find it difficult to realize their rights. This book acknowledges that in theory many African states have tried to change the statue books to accord women and female child some level of equality with men and boys but at the same time a look at the practice of the law in many African states shows a different pattern. There is a big disconnect between women's theoretical rights and the reality or practice of the theory. The objective of this book is to look at how far the law in print on the rights of women and female child has become the law in practice/reality in Africa. Rev. Dr. Eleazar E. Otiocha obtained both his master's

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International Human Rights

Papers presented at a workshop held at Cardiff University, Wales, in 1995.

An Introduction to Gender, Law, and Society in Kenya

The papers in this book are the product of a conference jointly convened in Addis Ababa in September 2005 by the African Union Women, Gender and Development Directorate and Solidarity for African Women's Rights (SOAWR), a coalition of more than 20 gender, human rights and development NGOs in Africa, including the African Center for Democracy and Human Rights Studies, FEMNET, Association des Juristes Maliennes, Equality Now, Fahamu, Funda?o para o desenvolvimento da Comunidade (an organisation founded by Gra?a Machel in Mozambique), Oxfam GB and Women in Law and Development in Africa.

Making Rights Work

The law is a well-known tool in fighting gender inequality, but which laws actually advance women's rights? This book unpacks the complex nuances behind gender-responsive domestic legislation, from several of the world's leading experts on gender equality. Drawing on domestic examples and international law, it provides a primer of theory alongside tangible and practical solutions to fulfil the promise of the law to deliver equality between men and women. Part I outlines what progress has been made to date on eradicating gender inequality, and insights into the law's potential as one lever in the global struggle for equality. Parts II and III go on to explore concrete areas of law, with case studies from multiple jurisdictions that examine how well domestic legislation is working for women. The authors bring their critical lens to areas of law often considered from a gender perspective – gender-based violence, women's reproductive health, labour and gender equality quotas – while bringing much-needed analysis to issues often ignored in gender debates, such as taxation, environmental justice and good governance. Part IV seeks to move from a theoretical goal of greater accountability to a practical one. It explores both accountability for international women's rights norms at the domestic level and the potential of feminist approaches to legislation to deliver laws that work for women. Written for students, academics, legislators and policymakers engaged in international women's rights law, gender equality, government accountability and feminist legal theory, this book has tremendous transformative potential to drive forward legal change towards the eradication of gender inequality.

Breathing Life Into the African Union Protocol on Women's Rights in Africa

There has recently been a global resurgence of demands for the acknowledgement of historical and contemporary wrongs, as well as for apologies and reparation for harms suffered. Drawing on the histories of injustice, dispossession and violence in South Africa, this book examines the cultural, political and legal role, and value of, an apology. It explores the multiple ways in which 'sorry' is instituted, articulated and performed, and critically analyses its various forms and functions in both historical and contemporary moments. Bringing together an interdisciplinary team of contributors, the book's analysis offers insights that will be invaluable to global debates on the struggle for justice.

Rights and Reality

"This volume chronicles a quarter-century of feminist theorizations on equality and liberty. The essays demonstrate a continuing commitment to feminist method (a democratic notion that all people have a right to participate in the production of knowledge of the world, including legal knowledge) and manifest feminism's continuing critical tradition (namely, theorists' willingness to see multiple factors, including feminism itself, as obstructing enlightened constructions of the world). Taken together, the essays

suggest that liberty to make the world is not just a means to an end - equality - but is a substantive end in itself."--Provided by publisher.

International Women's Rights Law and Gender Equality

What is the nonprofit sector and why does it exist? Collecting the writing of some of the most creative minds in the field of nonprofit studies, this book challenges our traditional understanding of the role and purpose of the nonprofit sector. It reflects on the ways in which new cultural and economic shifts bring existing assumptions into question and offers new conceptualizations of the nonprofit sector that will inform, provoke, and inspire. Nonprofit organization and activity is an enormously important part of social, cultural, and economic life around the world, but our conceptualization of their place in modern society is far from complete. Reimagining Nonprofits provides fresh insights that are necessary for understanding nonprofit organizations and sectors in the 21st century.

Women and Minority Rights Law in Africa

Constitutions and gender is a new and exciting field, attracting scholarly attention and influencing practice around the world. This timely handbook features contributions from leading pioneers and younger scholars, applying a gendered lens to constitution-making and design, constitutional practice and citizenship, and constitutional challenges to gender equality rights and values. It offers a gendered perspective on the constitutional text and record of multiple jurisdictions, from the long-established, to the world's newly emerging democracies. Constitutions and Gender portrays a profound shift in our understanding of what constitutions stand for and what they do.

Unsettling Apologies

"The developments in India since the new millennium have shown that gender equality is a topic in constant flux and dynamic change. In recent years, the Indian parliament passed key legislation on maternity benefits, surrogacy, HIV/Aids prevention, sexual harassment in the workplace, and amendments to the criminal law with respect to violence against women. While many of the reforms of recent years have been the result of long-standing legal battles, spokespersons for gender-equality have pointed to more deep-rooted issues with the system that cannot be resolved and reformed with the law alone. This book analyses reform efforts in the area of gender and the law and attempts to situate where a reform has taken place, by whom it was brought about and what impact it has had on the society. The papers in this volume engage with the protagonists who shape the debate around law and gender and locate their effort into a socio-political context, thereby showing that the discourses around law and gender are closely connected to broader debates around secularism and religion, identity, culture, nationalism and family. The book offers compelling evidence that the drivers of change are emerging from beyond the traditional institutions of courts and parliament, and that to understand the everyday implications of gender based reform, it is important to look beyond these narrow institutional sources"--

Gender and Feminist Theory in Law and Society

This anthropological study offers a crucial contribution to scholarly debates about the making of African modernity by considering the implementation and reception of gender reform in the West African context. Historically, attempts at implementing gender reform in West Africa have been met with suspicion. Beyond the perception that such reforms subvert traditional structures of authority and community, many worry that these efforts are inextricably connected to Western imperialism and colonialism. Ludovic Lado's *The Politics of Gender Reform in West Africa* examines the politics of a legislative process entirely driven by the state and meant to narrow the gender gap in Ivorian society. Lado discusses the legislative processes by which states have sought to reduce the gender gap between men and women, probes the potential impact of this reform on the condition of women by exploring the practice of civil marriage in Abidjan, and assesses the reception of the reform among Catholics and Muslims in Côte d'Ivoire. Throughout this readable and engaging study, Lado examines how the relationship between secular powers and religious authorities has determined the direction gender reforms have taken. Although the predominant focus in this text remains on gender reforms in Côte d'Ivoire, Lado also discusses their correlates in Niger, Senegal, and Mali. He shows that the success or failure of gender reforms in West Africa has relied on the interaction of various power relationships that structure the international, national, local, religious, and domestic arenas within which West Africans go about their lives. The book concludes with an informed reflection on the relationship

among religions, the state, and gender reforms that highlights some of the issues at stake in the domestication of hegemonic modernity in Africa.

Reimagining Nonprofits

Constituting Equality addresses the question, how would you write a constitution if you really cared about gender equality? The book takes a design-oriented approach to the broad range of issues that arise in constitutional drafting concerning gender equality. Each section of the book examines a particular set of constitutional issues or doctrines across a range of different countries to explore what works, where, and why. Topics include: governmental structure (particularly electoral gender quotas); rights provisions; constitutional recognition of cultural or religious practices that discriminate against women; domestic incorporation of international law; and the role of women in the process of constitution making. Interdisciplinary in orientation and global in scope, the book provides a menu for constitutional designers and others interested in how the fundamental legal order might more effectively promote gender equality.

Constitutions and Gender

This second volume on the constitutional dimension of contract law explores this increasingly relevant subject in jurisdictions that are usually overlooked by mainstream scholarship in the English-speaking world. With chapters on Finland and other Nordic Countries from a comparative perspective, Spain, Japan, Somalia, Nigeria, Brazil, and Peru, the contributions presented here offer much-needed, context-informed insights on whether – and if so, why, how and to what extent – the development of contract law is being influenced by constitutional values and fundamental rights issues (or vice-versa). The book represents a valuable addition to comparative law literature on the interplay between public (i.e., constitutional) and private (i.e., contract) law by revealing the inner dynamics through which these two branches interact and (at times) inform each other, whilst also enhancing our understanding of the law's nature, function, and transformative potential at the macro, meso, and micro levels.

Mutinies for Equality

This innovative and thought-provoking Research Handbook explores not only current debates in the area of gender, sexuality and the law but also points the way for future socio-legal research and scholarship. It presents wide-ranging insights and debates from across the globe, including Africa, Asia, Eastern Europe and Australia, with contributions from leading scholars and activists alongside exciting emergent voices.

The Politics of Gender Reform in West Africa

A Theory of African Constitutionalism asks and seeks to answer why we need a new theoretical framework for African constitutionalism and how this could offer us better theoretical and practical tools with which to understand, improve, and assess African constitutionalism on its own terms. By locating constitutional studies in Africa within the experiences, interactions, and contestations of power and governance beginning in precolonial times, the book presents the development and transformation of African constitutional systems across time and place, along with the attendant constitutional designs and practices ranging from the nature and operation of the African state to its vertical and horizontal government structures, to its constitutional rights regime. This title offers both a theoretically and comparatively rich, historically and contextually informed, and temporally and spatially extensive account of the nature, travails, and incremental successes of African constitutionalism with detailed case studies from Nigeria, Ethiopia, and South Africa. A Theory of African Constitutionalism provides scholars, policymakers, governments, and constitution builders in Africa and beyond with new insights for reimagining the purpose, substance, and scope of constitutions and constitutionalism.

Constituting Equality

Studies transformations in law and gender in modern India, proposing drivers of change are emerging from beyond traditional institutions.

From Patriarchy to Gender Equity

More Constitutional Dimensions of Contract Law

The history of biology traces the study of the living world from ancient to modern times. Although the concept of biology as a single coherent field arose... 81 KB (10,001 words) - 06:59, 23 February 2024

This glossary of biology terms is a list of definitions of fundamental terms and concepts used in biology, the study of life and of living organisms.... 94 KB (11,418 words) - 16:24, 5 March 2024

Soil biology is the study of microbial and faunal activity and ecology in soil. Soil life, soil biota, soil fauna, or edaphon is a collective term that... 24 KB (2,670 words) - 18:15, 6 February 2024

plant science (or plant sciences), plant biology or phytology, is the science of plant life and a branch of biology. A botanist, plant scientist or phytologist... 135 KB (14,209 words) - 15:58, 23 February 2024

related sciences of biogeography, evolutionary biology, genetics, ethology, and natural history. Ecology is a discipline of biology that studies the quantity... 208 KB (21,336 words) - 16:48, 21 March 2024

The scientific study of plants is known as botany, a branch of biology. All living things were traditionally placed into one of two groups, plants and... 94 KB (8,004 words) - 15:48, 21 March 2024

have helped develop key concepts in biology including evolution, behaviour and ecology such as the definition of species, the process of speciation, instinct... 80 KB (9,197 words) - 21:23, 22 February 2024

rebirth cycles continue endlessly, states Buddhism, and it is a source of dukkha (suffering, pain), but this reincarnation and dukkha cycle can be stopped... 153 KB (18,624 words) - 15:30, 21 March 2024

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