

# Category:Biophysics

## Subcategories

This category has only the following subcategory.

### B

- Biophysics/Seminar papers/2018-2019 (17 P)

## Pages in category "Biophysics"

The following 200 pages are in this category, out of 462 total.

(previous page) (next page)

### 3

- 3.2 ECG

### A

- Abbe's theory
- Abbe's theory
- Acoustic impedance
- Acoustic pressure
- Acoustic resistance
- Action and Summation potential
- Action potencial (physiology)
- Action Potential
- Activity of a radioactive sample
- Adenosine triphosphate
- Adverse Noise Effects
- Alpha decay
- Amplitude
- Analog to digital and digital to analog conversion
- Analytical dispersion
- Angiography
- Annihilation
- Antiparticle
- Artificial tissues
- Assistive Technology
- Astigmatism
- Audiometry
- Autophony

### B

- Barotrauma
- Baryons
- Beer's Law
- Beta decay
- Biofeedback
- Biological Effects of UV Radiation
- Biological half-life
- Biological membrane
- Biological Membrane
- Biological membrane and membrane transport
- Biomechanics
- Biomechanics of fluids
- Biomechanics of fluids and blood circulation
- Biomechanics of muscle contraction
- Biophysical principles in regenerative medicine
- Portal:Biophysics
- Biophysics of hearing
- Biophysics Sample test (1. LF UK)
- Biosignal characteristics
- Biosignal interference and artifacts
- Biosignal sensors and converters
- Biosignals

- Biosignals
- Biosignals from a biophysics perspective
- Biosignals from a biophysics perspective/signal distortion during transmission
- Biosignals from the point of view of biophysics
- Biosignals from the point of view of biophysics - frequency spectrum of the signal
- Biosignals from the point of view of biophysics/electrical biosignals in the organism
- Biosignals from the point of view of biophysics/obcyclic signal courses
- Black body radiation
- Blood pressure measurement/Catalog of methods in biophysics
- Bodyplethysmography
- Buffers, buffering capacity, oxidation and reduction, electrode processes (1.LF UK, GM)

## C

- Cell bioenergetics
- Cesium and cobalt irradiators
- Characteristics of electrical biosignals
- Chemical potential
- Clarius C3
- CMYK color model
- Cobalt and cesium irradiators
- Collimator
- Collision ionization
- Colloidal dispersion
- Color of fabrics
- Color of sound
- Color of substances
- Combined lighting, glare
- Compton scattering
- Compton scattering of X-rays, apertures
- Compton's effect
- Compton's phenomenon - what it proves and benefits
- Compton's phenomenon - what it proves, the benefit
- Computed tomography (password)
- Computer tomography
- Conduction of electric current through the body
- Confocal microscope
- Construction and function of a light microscope
- Construction and function of optical microscope
- Contrast of optical microscope
- Contrasting in electron microscopy
- Coulomb's law and permittivity of medium
- CRT screen
- Current density
- Current measurement
- Cytoskeleton from the biophysical point of view

## D

- Damped harmonic oscillator
- Daylighting
- Defects of optical systems
- Defibrillation and cardioversion 2
- Densitometry
- Depth of sharpness of optical microscope
- Dermatoscopy
- Detection of ionizing radiation
- Diadynamic currents
- Diagnostic use of ultrasound
- DICOM
- Differential amplifier 2
- Diffraction of light
- Diffusion
- Digital image
- Dispersion of light
- Dispersion systems
- DNA chips
- DNA microarray
- Doppler echocardiography
- Doppler Effect
- *Doppler effect*
- Doppler Flow Meter
- Doppler imaging
- Doppler phenomenon
- Doppler sonography

- Doppler sonography (2nd Faculty of Medicine, UK)
- Doppler ultrasonography
- Doppler ultrasonography in medicine
- Dosimetry
- Driven harmonic oscillator

## E

- ECG examination
- ECG/Catalog of methods in biophysics
- Echocardiography
- EEG/Catalog of methods in biophysics
- Effect of ionizing radiation on the organism
- Effect of low temperatures on the organism
- Effective, physical and biological half-life
- Effects of electric current on the organism
- Effects of high temperatures on the organism
- Effects of low temperatures on the body
- Effects of Ultrasound
- Effects of ultraviolet radiation
- Talk:Elastic and inelastic scattering
- Elastic and inelastic scattering
- Elasticity
- Elasticity and stiffness on subcellular level
- Elastography
- Electric and magnetic fields
- Electric dipole
- Electric potential
- Electrical and magnetic properties of tissues
- Electrical impedance
- Electrical impedance of tissues
- Electrical impedance/NMgr
- Electrical properties of colloids
- Electrocardiography (2. LF UK)/Evaluation
- Electrocardiography 2 (2. LF UK)
- Electrocautery
- Electrochemical corrosion of metals in the oral cavity
- Electrochemical potential of protons
- Electrochemistry
- Electrode events
- Electrode events/Electrochemical potential
- Electrolysis
- Electromagnetic interaction
- Electromagnetic ionizing radiation
- Electron microscope
- Electron shell of heavy atoms
- Electron-positron pairs
- Electrophoresis
- Electrostatic field
- Electrostimulation
- Electrostimulation methods
- Electrotherapy
- EMG/Catalog of methods in biophysics
- Endocytosis
- Enthalpy
- Entropy of living systems
- Equation of state of gases
- Equipartition theorem
- Ergometry (2. LF UK)
- Ergometry2 (2. LF UK)
- Erythrocytes/Catalog of methods in biophysics
- Examined subject as a physical system
- Examples of examination methods
- Excretion of radioactive substances by the organism
- Exocytosis
- Extracorporeal shock wave lithotripsy
- Eye (biophysics)/Disorders of the eye
- Eye (biophysics)/Principle of vision
- Eye from the biophysical point of view

## F

- Farsightedness
- Fetal Dopplerometry
- First law of Thermodynamics

- Fleming's Left Hand Rule
- Flexibility
- Flow cytometry
- Fluorescence
- Fluoroscopy
- Fotoluminescence
- Free energy
- Frequency
- Frequency and power spectra
- Frequency and Power Spectrum
- Förster resonance energy transfer

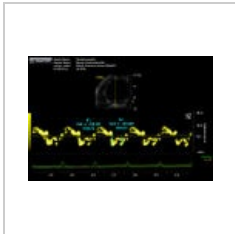
## G

- Gamma camera
- Gamma radiation - physical nature, spectrum area
- Gamma radiation - mechanism of formation
- Gamma rays in medicine
- Gibbs Energy
- Gradient

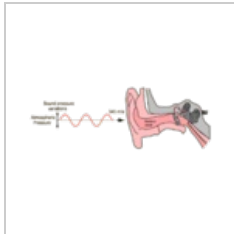
(previous page) (next page)

## Media in category "Biophysics"

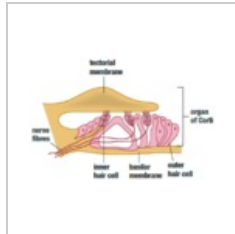
The following 30 files are in this category, out of 30 total.



3---Mitral-Annulu...  
504 × 340; 29 KB



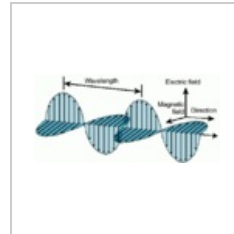
4.1.4 sound wav...  
961 × 346; 135 KB



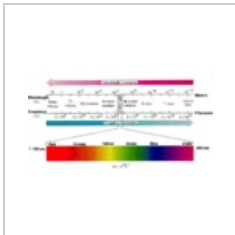
4.1.4tectorial me...  
695 × 469; 152 KB



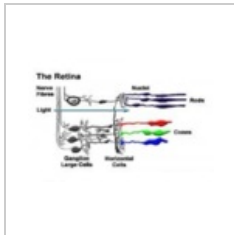
4.2 farger.png  
366 × 336; 111 KB



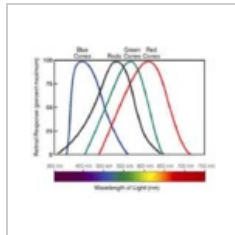
4.2 wavelength.p...  
703 × 335; 205 KB



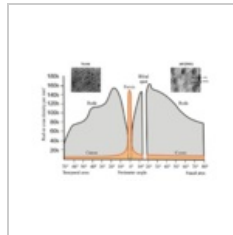
4.2 wavelengths...  
978 × 522; 227 KB



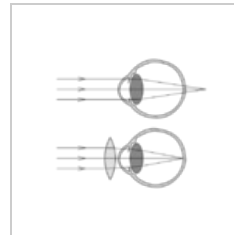
4.2.4retina.png  
669 × 445; 177 KB



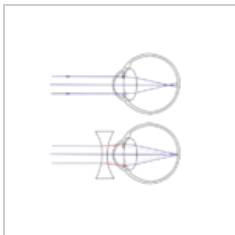
4.2.4rhodsandco...  
570 × 449; 244 KB



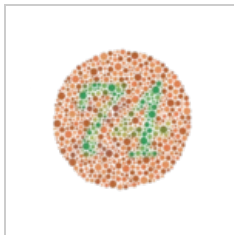
4.2.4rodsandcon...  
820 × 535; 258 KB



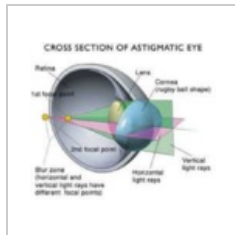
4.2.5lightineye.png  
510 × 427; 48 KB



4.2.5lightineye2....  
482 × 397; 44 KB



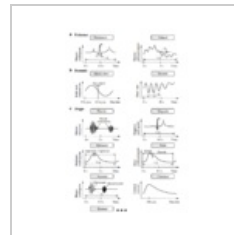
4.2.6colorblindne...  
364 × 370; 182 KB



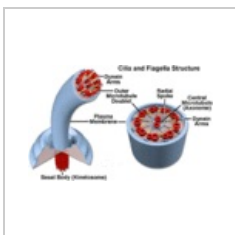
4.2.6crosssection...  
541 × 462; 237 KB



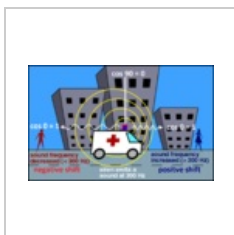
Aortic-thrombus-...  
820 × 614; 58 KB



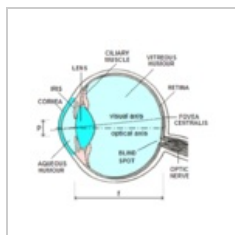
Captura de ecră ...  
718 × 1,074; 255 KB



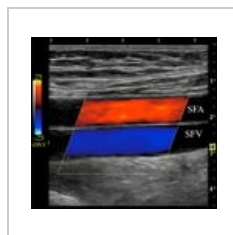
Ciliaflagella.gif  
409 × 254; 28 KB



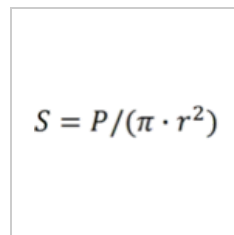
Doppler-Effect.png  
1,087 × 681; 405 KB



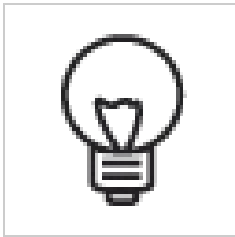
Eye anatomy.png  
581 × 527; 161 KB



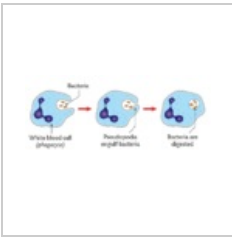
F2.large.jpg  
1,280 × 1,185; 191 KB



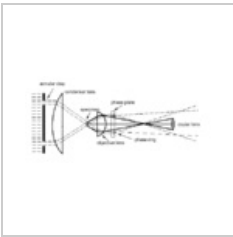
Laser flux.png  
151 × 34; 6 KB



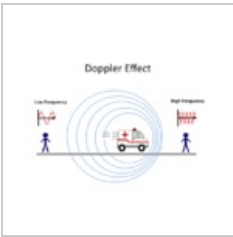
Light bulb.png  
50 × 50; 4 KB



Lymphocyte.gif  
379 × 184; 14 KB



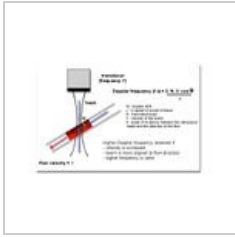
Mic2.gif  
497 × 233; 6 KB



Music1.png  
700 × 525; 85 KB



P98.jpg  
640 × 480; 100 KB



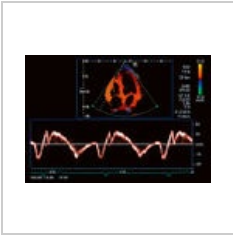
Picture Doppler1....  
662 × 396; 46 KB



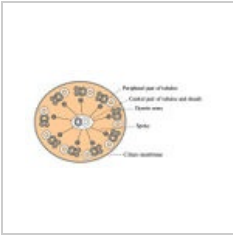
Picture2 Doppler....  
500 × 367; 40 KB



Squeme.jpg  
960 × 408; 21 KB



Sťahovanie.jpg  
270 × 187; 11 KB



WT07.01.Figure1...  
600 × 314; 59 KB