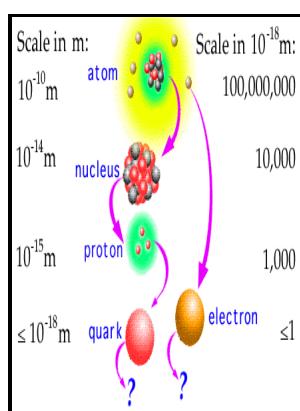


# World of atoms and quarks

**Twenty-First Century Books - Strange World Of Quarks, Gluons, Described By Physicist**



Description: -

- Combustion
  - Fluidization
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  - Scientific American sourcebooksworld of atoms and quarks
- Notes: Includes bibliographical references (p. 83) and index.  
This edition was published in 1995



Filesize: 61.101 MB

Tags: #From #atoms #to #quarks #: #an #introduction #to #the #strange #world #of #particle #physics #: #Trefil, #James #S., #1938

## A Science Odyssey: Atom Builder: Elementary Particles

The book also includes historical accounts of the lives, works, and major achievements of many famous pioneers and Nobel Laureates from 1895 to the present.

### [PDF] The World Of Atoms And Quarks

The system of attraction and repulsion between quarks charged with different combinations of the three colors is called , which is mediated by known as ; this is discussed at length below.

### [PDF] The World Of Atoms And Quarks

Quarks are never found on their own; they are bound in pairs or threesomes. Owing to a phenomenon known as , quarks are never found in isolation; they can be found only within hadrons, which include such as protons and neutrons and , or in. Up and down quarks have the lowest of all quarks.

## Wacky Physics: Why Do Particles Have Flavors?

Also, the force between two quarks becomes larger as they move farther apart, whereas the force between a nucleus and an electron, or two nucleons in a nucleus, grows weaker as their separation increases. A neutron star gives a personal account of its creation and goes on to discuss quasars and other extraordinary astronomical objects, while an iron atom describes its birth in a remote supernova explosion and its series of adventures on Earth, from its early use in wrought iron processes to its time in a human body, and then to its latest misadventures.

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