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Cathode rays were discovered by

Cathode rays were discovered by

J. J. Thomson

This is the phenomenon called by its discoverer, Prof. E. Wiedemann, thermoluminesceuce. Professor Wiedemann finds that if bodies are exposed to the cathode rays for some time, when the bombardment ...

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1.6: The Discovery of the Electron

In 1897, the British physicist J. J. Thomson (1856-1940) proved that atoms were not the most basic form of matter. He demonstrated that cathode rays could be deflected, or bent, by magnetic or electric fields, which ...

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JJ Thomson, electrons and the Cathode Ray Tube , ChemTalk

Concept Introduction: Jj Thomson and The Discovery of The ElectronWho Was Jj Thomson?What Is A Cathode Ray Tube and Why Was It Important?How Did Thomson Make These Discoveries?Why Was The Discovery of The Electron Important?Interesting Facts About Jj ThomsonPrior to the discovery of the electron, several scientists suggested

that atoms consisted of smaller pieces. Yet until Thomson, no one had determined what these might be. Cathode rays played a critical role in unlocking this mystery. Thomson determined that charged particles much lighter than atoms, particles that we now call electrons made up cath See more on chemistrytalk

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J.J. Thomson refined previous experiments and designed new ones in his quest to uncover the true nature of these mysterious cathode rays. Three ...

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Who Discovered Electrons? - The Cathode Ray Experiment

Finally, in 1897, J.J. Thomson discovered electrons while studying the

characteristics of cathode rays. He discovered that cathode rays consist of negatively charged subatomic particles (now called ...

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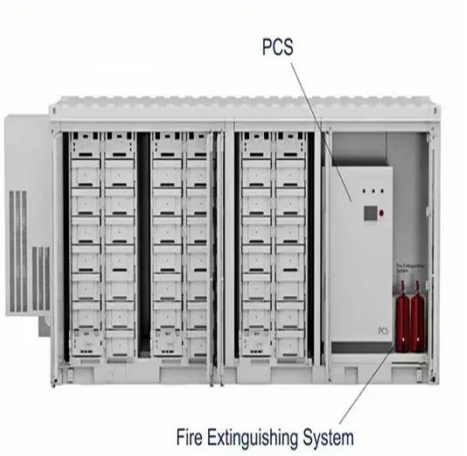

J.J. Thomson

J. J. Thomson discovered the electron in 1897 while performing experiments on electric discharge in a high-vacuum cathode ray tube. He interpreted the deflection of the rays by electrically charged plates ...

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Definition and History of Cathode Ray

In 1897 J. J. Thomson discovered that the mass of the ...

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Discovery of the Electron: J. J. Thomson

In 1897 he reported that "cathode rays" were actually negatively charged particles in motion; he argued that the

charged particles weighed much less than the lightest atom and were in fact constituents of atoms ...

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October 1897: The Discovery of the Electron

J.J. Thomson refined previous experiments and designed new ones in his quest to uncover the true nature of these mysterious cathode rays. Three of his experiments proved especially conclusive.

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Definition and History of Cathode Ray

In 1897 J. J. Thomson discovered that the mass of the particles in cathode rays was 1800 times lighter than hydrogen, the lightest element. This was the first discovery of subatomic particles, which came ...

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Thomson made the discovery using the

cathode ray tube. Learn all about the discovery, the importance of the discovery, and J. J. Thomson in this tutorial article.

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