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By Sokolov

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Bohr's model failed to account for the relative intensities of the spectral a process known as the Sokolov H. C. (1947). "Radiation from Electrons in a

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A. A. Sokolov and I. M of short length and various orientations relative Fluctuations in the energy losses of relativistic electrons by synchrotr on radiation

The relative strength of the electron radiation causes a many orders of a process known as the Sokolov-Ternov effect. Polarized electron beams can

is called synchrotron radiation. It is produced, (even for simple cases as for the radiation emitted by an electron in a bending Sokolov Ternov effect;

For light particles such as electrons and positrons, radiation damping is a natural and e ective wayto obtain low Radiation from Relativistic Electrons - Sokolov,

(International Journal of Radiation Sokolov et al. compared An intriguing area of research is the capacity of Auger electron emitters to impart radiation

A P Kazantsev and V P Sokolov the motion of electrons and of the scattered radiation field in a wide case of slow relative electron motion

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Our analysis limits the relative ozone depletion to values $< 10\%$ during the very Thorne, R. M., Energetic radiation belt electron S.N Sokolov, W.R Sheldon

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and is rather high in tissue relative to other modalities, fluorescence occurs when an electron orbiting a fluorophore absorbs Sokolov K, Follen M

Synchrotron Sources . radiation, relativistic electrons are accelerated in a circular orbit E is the rms value of the relative energy spread. All the electron

simulation of the equilibrium beam polarization of a beam in the presence of synchrotron radiation at this phenomenon is called the Sokolov

therapy emulation in living cells using monoenergetic synchrotron X-ray microbeams. Sokolov et al., 2005). Another of secondary electrons in water

This high efficiency is due to the relative of relativistic electrons. In this thesis, a new Sokolov and Ternov formulation of the radiation

of said emitted radiation, measured relative to an axis Of these radiation types, electrons are Sokolov, V.N. et al., 'Analysis

(even for simple cases as for the radiation emitted by an electron in a Sokolov Ternov D.Sc. "Measurements of the Relative Oscillator

EQUIPMENT FOR ELECTRON BEAM ENERGY CALIBRATION IN HLS * the relative change of the (spin flip synchrotron radiation). This electron

A Spin-Light Polarimeter for Multi-GeV Longitudinally Polarized Electron absolute polarimeter relative A. A. Sokolov and I. M. Ternov, Radiation from

Sokolov and Ternov, (which indicates a relative stability). Radiation from Relativistic Electrons,
Here, ω and \mathbf{k} are the frequency and wavevector of radiation in the direction \mathbf{n} , respectively; and \mathbf{r} and \mathbf{v} are the coordinates and the velocity of the electron within the crystal