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AP Physics B (discontinued) AP Physics B “discontinued in 2014” was supposed to be equivalent to an introductory algebra-based college course in physics, with a laboratory component. The course was non-calculus-based, utilizing algebra and basic trigonometry to solve various physics problems. AP Physics B was divided into five different sections: Newtonian Mechanics, Fluid Mechanics and ...

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Fusion power is a theoretical form of power generation in which energy will be generated by using nuclear fusion reactions to produce heat for electricity generation. In a fusion process, two lighter atomic nuclei combine to form a heavier nucleus, and at the same time, they release energy. This is the same process that powers stars like our Sun. Devices designed to harness this energy are ...

### **Fusion power - Wikipedia**

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In problems concerning gravity on earth the acceleration ( $a$ ) becomes approximately 9.8 meters per second squared ( $a$ ). An object that starts from rest falls for one second at a speed of 9.8 m/s. After 2 seconds the speed is 19.6 m/s and after 3 seconds it is 29.4 m/s.

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### **Particle Physics | UC Berkeley Physics**

A MESSAGE FROM THE CHAIRS In October 2009, the Department of Energy's Office of High Energy Physics sponsored a symposium and workshop, "Accelerators for America's Future."

### **Accelerators for America's Future**

Electromagnetic Tracking in High Dose Rate Brachytherapy - A Composite Analysis Model. Author(s): Goetz ThI, Tome AM, Hensel B, Bert Ch and Lang EW Electromagnetic tracking (EMT) in high dose rate Brachytherapy has to face a number of signal processing challenges which we summarize in this study.

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