

# Adjusting the response speed of fiber optic sensors

Define adjusting. adjusting synonyms, adjusting pronunciation, adjusting translation, English dictionary definition of adjusting. v. ad&#183;just&#183;ed, ad&#183;just&#183;ing, ad&#183;justs v. tr. 1. a. To move or change so as to be ...

Optical fiber is comprised of a central core with a high refractive index surrounded by cladding with a low refractive index. When light enters the core, repetitive total internal reflection at the boundary of the ...

Abstract: A high sensitivity fiber-optic acceleration sensor based on a Fabry-Perot Interferometer (FPI) formed by an aluminum alloy elastic mass-block structure is proposed for ...

A control method of electromagnetic feedback is proposed for adjusting frequency response characteristics of fiber optic accelerometers, which could expand the flat working ...

This feature simplifies the sensiivity adjustment and fiber optic alignment, and provides a constant reference over time for overall sensing system performance.

Adjust definition: In chiropractic medicine, to manipulate (the spine and other body structures) to treat disorders and restore normal function of the nervous system.

adjusting definition: process of changing something to work better or fit correctly. Check meanings, examples, usage tips, pronunciation, domains, and related words.

In this paper, a cost-effective and miniaturized instrument is proposed, which is based on a tunable modulated grating Y-branch (MG-Y) laser for rapid temperature measurement using a ...

The paper provides a theoretical basis for the design and manufacture of the sensors with wide frequency response and high sensitivity in different engineering applications, such as high ...

Definition of adjust verb in Oxford Advanced American Dictionary. Meaning, pronunciation, picture, example sentences, grammar, usage notes, synonyms and more.

A method is proposed to improve the performance of a compliant-cylinder-based fiber-optic acceleration sensor by adjusting the prestress of the elastic mechanis

To attract investors, Panama has adjusted its tax and labor laws. If you adjust something such as your clothing or a machine, you correct or alter its position or setting. Liz adjusted her mirror and then ...

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o The method used for the adjusting process is called the learning rule. o Clearly, a rhythm in food intake might be able to adjust the body clock via several mechanisms. o The ambulance man adjusts the ...

Additional optical fibers have been produced, including plastic optical fibers, glass optical fibers with plastic claddings, photonic crystal (holey) optical fibers, doped active optical fibers, and others.

Some fiber optic sensors are also capable of long-range detection by increasing the power of emitted light, while still having fast response times. This range of sensing options allow users to choose the ...

The meaning of ADJUST is to bring to a more satisfactory state. How to use adjust in a sentence. Synonym Discussion of Adjust.

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