

# The sensitivity of the Y-type fiber optic sensor is positive or negative

sensitivity /ˈsɛnsɪtɪvɪti/ n ( pl -ties) the state or quality of being sensitive the state, condition, or quality of reacting or being sensitive to an external stimulus, drug, allergen, etc (usually plural) a tendency to ...

Coupled with the new advances in functional nanomaterials as well as fiber structure design and fabrication in recent years, new solutions continue to emerge to further improve the fiber-optic ...

Fiber-optic sensors are also immune to electromagnetic interference, and do not conduct electricity so they can be used in places where there is high voltage electricity or flammable material such as jet ...

Biology The response or degree of response, as of a cell, tissue, or organism, to a chemical substance or stimulus, such as a toxin, infectious agent, hormone, allergen, or antigen: insulin sensitivity.

Definition of sensitivity noun in Oxford Advanced Learner's Dictionary. Meaning, pronunciation, picture, example sentences, grammar, usage notes, synonyms and more.

Sensitivity has a broader range of meanings than acuity does, including "the capacity of being easily hurt." It may be used of inanimate objects such as radios ("the sensitivity of the instruments was ...

Learn all about the principles, structures, and features of eight sensor types according to their detection principles. The fiber optic sensor has an optical fiber connected to a light source to allow for detection ...

**SENSITIVITY** definition: the state or quality of being sensitive; sensitiveness. See examples of sensitivity used in a sentence.

**SENSITIVITY** definition: 1. an ability to understand what other people need, and be helpful and kind to them: 2. the.... Learn more.

From many points of view, fiber optic sensors are the ideal transducers for structural health monitoring. Being durable, stable, and insensitive to external perturbations, they are especially useful for long ...

Definition of "sensitivity" sensitivity in British English (ˈsɛnsɪtɪvɪti ) noun Word forms: plural -ties

Sensitivity (true positive rate) is the probability of a positive test result, conditioned on the individual truly being positive. Specificity (true negative rate) is the probability of a negative test result, conditioned ...

It's the same with emotions -- sensitivity means you pick up on the feelings of others. If you have great

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sensitivity to your classmates, then you're aware of their needs and behave in a way that makes ...

Now updated to include the most recent developments in this rapidly advancing field, Fiber Optic Sensors fills the needs of both introductory and advanced courses on the topic while also offering a ...

Brief theory of sensing principle, fabrication method, applications, advantages and disadvantages of the different fiber-optic sensors, are addressed. Recent progress in numerous ...

Fiber optic current sensors are revolutionizing the way electrical currents are measured, providing high sensitivity, immunity to electromagnetic interference (EMI), and the ability to function ...

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