

Detailed Explanation of Fiber Bragg Grating Production Process Diagram

This section provides a rigorous, mathematically detailed explanation of Finite Element Analysis as applied to Fiber Bragg Gratings, suitable for advanced readers.

Find 4,082 synonyms for detailed and other similar words that you can use instead based on 19 separate contexts from our thesaurus.

Find 95 different ways to say DETAILED, along with antonyms, related words, and example sentences at Thesaurus .

A detailed report or plan contains a lot of details. Yesterday's letter contains a detailed account of the decisions. I started drawing up more detailed budgets.

In the proposed sensor design, a sensing fiber with an inscribed high-order Bragg grating is attached to the observed metal surface.

DETAILED definition: 1. giving a lot of information with many details: 2. giving a lot of information with many.... Learn more.

The meaning of DETAILED is marked by abundant detail or by thoroughness in treating small items or parts. How to use detailed in a sentence. Synonym Discussion of Detailed.

Bragg gratings are sections of single-mode fiber in which the refractive index of the core is modulated in a periodic fashion, as a function of the spatial coordinate along the length of the fiber.

Bragg gratings are one of the most useful, reliable, versatile, practical, and attractive passive devices in the fields of optical fiber communications and fiber optic sensors.

A fiber Bragg grating (FBG) is a type of distributed Bragg reflector constructed in a short segment of optical fiber that reflects particular wavelengths of light and ...

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

Use the adjective detailed when you're talking about something that's full of specific points or facts. A detailed weather report includes temperature, cloud cover, and the possibility of rain.

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1. thorough in the treatment of details: a detailed report. 2. having many details.

This article introduces the concept of Fiber Bragg Grating (FBG) and explains how FBG works. It explains the principle of FBG using the Bragg condition formula and provides corresponding ...

During the production process, the fiber crosses the optical axis of a laser and an interferometer or Phase mask that creates a periodical UV-light interference pattern in order to write the grating.

The term "fiber Bragg grating" was borrowed from the Bragg law and applied to the periodic structures inscribed inside the core of a conventional Ge- or B-doped telecom fiber, as shown in Fig. 1.2.

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