

Harbin Institute of Technology Nepal Fiber Optic Sensing



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Professor of Harbin Institute of Technology - Cited by 8,459 - Optical fiber sensor - Nonlinear optics - Structural health monitoring



Haibin Chen received the B.S. degree from Harbin Institute of Technology, Harbin, China, in 2004, and the Ph.D degree from Zhejiang University, Hangzhou, China, in 2010. From 2010 to 2018, he was a ...



From energy and transportation to agriculture and cybersecurity, fiber sensing is quietly revolutionizing industries with applications once thought ...



He holds more than 150 patents related to fiber optic technology and published three books and three book chapters. His research interests include fiber integrated optics, fiber optical ...



From energy and transportation to agriculture and cybersecurity, fiber sensing is quietly revolutionizing industries with applications once thought impossible. In this article, the authors ...



Researchers from Skoltech and Harbin Institute of Technology have devised a system of optical sensors with an aluminum coating that could withstand the harsh conditions inside a...



An optical fiber-based vector magnetic field sensor combining fiber Bragg gratings (FBGs) and magnetic fluids (MFs) is proposed and experimentally demonstrated.



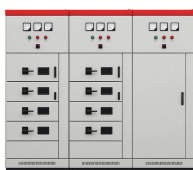
Through effective separation of the dual-scattering signals, the system enables simultaneous measurement of temperature, strain, vibration and acoustic parameters along a single ...



After the Basic Department, the Physics Department and the College of Science, the College of Physics and Optoelectronic Engineering was officially established in January 2019.



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Distributed fiber sensing and measurement techniques have been given attractive attention in recent decades due to high sensitivity, high resolution, and large capacity.

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