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GOVIND P. AGRAWAL is a professor at the Institute of Optics at the University of Rochester and a Fellow of both the Optical Society of America and the Institute of Electrical and Electronics Engineering. He is the author or coauthor of over 300 research papers, book chapters, and monographs.

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FIBER-OPTIC COMMUNICATION SYSTEMS

[1] Instruments for distributed fiber?optic measurement of temperature are now available with temperature resolution of 0.01°C and spatial resolution of 1 m with temporal resolution of fractions of a minute along standard fiber?optic cables used for communication with lengths of up to 30,000 m. We discuss the spectrum of fiber?optic tools that may be employed to make these measurements ...

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