

## Characterization of Optical Communication Channels as Non-Deterministic Model

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**Abstract :** Increasingly telecommunications sectors are adopting optical technologies, due to its ability to transmit large amounts of data over long distances. However, as in all systems of data transmission, optical communication channels suffer from undesirable and non-deterministic effects, being essential to know the same. Thus, this research allows the assessment of these effects, as well as their characterization and beneficial uses of these effects.

**Keywords :** optical communication, optical fiber, non-deterministic effects, telecommunication

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