

OPTICAL SOLUTION & APPLICATIONS THERE OF

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ABSTRACT

The combined effects of dispersion and nonlinearity of the pulse propagation can generate stable and undistorted pulses which is called solution. Optical solution pulses running over long distances is very useful for transmitting high data rate information in optical fiber. The versatile applications of the optical solution have attracted the attention of the experimental as well as theoretical physicists. Hence, the main objective of this study is the introduction to optical solution and its applications.

KEYWORDS: Solution, SPM, GVD