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- [Ir para o menu 2](#)
- [Ir para a busca 3](#)
- [Ir para o rodapé 4](#)

Periódicos

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2017

All-optical XOR and OR by Mach-Zehnder Interferometer engineered photonic crystal fibers.

SALES, J. C. ; Filho, A. F. G. F. ; FERREIRA, A. C. ; SOUSA, J. R. R. ; SARAIVA SOBRINHO, C. ; MENEZES, J. W. M. ; GUIMARÃES, G. F. ; SOMBRA, A. S. B. All-optical XOR and OR by Mach-Zehnder Interferometer engineered photonic crystal fibers. OPTICS AND LASER TECHNOLOGY, v. 94, p. 128-137, 2017.

A new modulation method to generate all-optical logic gates in an AOTF.

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