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Coupled Mode Theory and 50/50 Splitter

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Abstract

Keywords: Waveguides, Coupled Mode Theory, Beamsplitters

1. Introduction

2. Infinite dielectric waveguide

2.1. Theory development

2.2. Numerical analysis

3. Rectangular dielectric waveguide

3.1. Theoretical development

3.2. Solo waveguide

3.3. Coupled waveguide

4. Conclusion

Referências Bibliográficas

Appendix