

Draft of Objective-first Design Chapter for Metamaterials Design Book

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Part I

Description of technique

- 1 Formulating the design problem
- 2 Splitting into field and structure sub-problems
- 3 Field sub-problem
 - 3.1 For resonant devices
 - 3.2 For waveguiding devices
- 4 Structure sub-problem

Part II

Examples

- 5 Resonant devices
 - 5.1 1D resonators
 - 5.2 2D resonators
 - 5.3 2.5D resonators
- 6 Waveguiding devices