

optical metamaterials fundamentals and pdf

Explorations of artificial materials for manipulating electromagnetic waves began at the end of the 19th century. Some of the earliest structures that may be considered metamaterials were studied by Jagadish Chandra Bose, who in 1898 researched substances with chiral properties.

Metamaterial - Wikipedia

Definition. Die Definition von Metamaterialien ist noch im Fluss: Die geläufigere Definition beschränkt die Zellgröße auf (deutlich) kleiner als ein Viertel der Wellenlänge im Vakuum.

Metamaterial â€“ Wikipedia

Metamaterial cloaking is the usage of metamaterials in an invisibility cloak. This is accomplished by manipulating the paths traversed by light through a novel optical material.

Metamaterial cloaking - Wikipedia

Abstract. Kirigami enables versatile shape transformation from two-dimensional (2D) precursors to 3D architectures with simplified fabrication complexity and unconventional structural geometries.

Nano-kirigami with giant optical chirality | Science Advances

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