

Cloaking

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Cloaking is defined to be the hiding of objects from detection by probe waves. In the case of probing by light, this means making objects invisible over a range of wavelengths. Such cloaking is difficult, but many research groups are now using ideas and techniques like those of transformation optics to attempt to achieve this goal. I will review some of the approaches taken for cloaking with light and other types of waves, and describe their results.