

# Nonlocal Metamaterials

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## Abstract

I review our recent work on nonlocal metamaterials. After a brief introduction into nonlocality following Ref. [1], including different mechanisms and different mathematical ways of capturing it, I focus on two groups of examples: (i) propagating elastic waves at finite frequencies [2,3] as well as frozen evanescent elastic waves [4,5] and (ii) nonlocal dc Ohmic conduction in 1D metawires [6].

## References

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