

Abstract Submitted  
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**Pair symmetry conversion in driven multiband superconductors**

CHRISTOPHER TRIOLA, ALEXANDER BALATSKY, NORDITA — It was recently shown that odd-frequency superconducting pair amplitudes can be induced in conventional superconductors subjected to a spatially-nonuniform time-dependent drive. In this work we build on previous results demonstrating the emergence of odd-frequency pairing in conventional multiband superconductors to show that by subjecting a multiband superconductor to a time-dependent drive even-frequency pair amplitudes can be converted to odd-frequency pair amplitudes and vice versa. We will discuss the physical conditions under which these pair symmetry conversions can be achieved and possible experimental signatures of their presence.

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