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**Title:** Number fields with prescribed norms

**Abstract.** Let  $G$  be a finite abelian group, let  $k$  be a number field, and let  $x$  be an element of  $k$ . We count Galois extensions  $K/k$  with Galois group  $G$  such that  $x$  is a norm from  $K/k$ . In particular, we show that such extensions always exist. This is joint work with Christopher Frei and Daniel Loughran.