

# Random Galois extensions of Hilbertian fields

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Let  $L$  be a Galois extension of a countable Hilbertian field  $K$ . Although  $L$  need not be Hilbertian, we prove that an abundance of large Galois subextensions of  $L/K$  are.

Subjects: **Number Theory (math.NT)**; Algebraic Geometry (math.AG)

MSC classes: 12E25, 12E30

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