

RANDOM GALOIS EXTENSIONS OF HILBERTIAN RINGS

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Abstract. Let R be a countable Hilbertian ring with quotient field K and let L be a Galois extension of K . We generalize a result of Lior Bary-Soroker and Arno Fehm from fields to rings and prove that, for an abundance of large Galois extensions N of K within L , the integral closure of R in N is Hilbertian.

MSC 2010. 12E30

Key words. Hilbertian ring.

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Received September 8, 2018

Accepted November 4, 2018

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