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Base fields of csp-rings. (English. Russian original) Zbl 1270.13003

Algebra Logic 49, No. 4, 378-385 (2010); translation from *Algebra Logika* 49, No. 4, 555-565 (2010).

Summary: We study the question which fields may serve as base fields for csp-rings. It is proved that every algebraic extension of a field \mathbb{Q} is the base field of some csp-ring. Also it shown that in studying base fields, we may confine ourselves to treating only csp-rings of idempotent cocharacteristic, or only regular csp-rings.

MSC:

13A99 General commutative ring theory

12F99 Field extensions

13B02 Extension theory of commutative rings

Cited in **1** Review
Cited in **2** Documents

Keywords:

csp-ring; base field

Full Text: [DOI](#)

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