

Groups of the nilpotency class 2 of order p^4 as additive groups of local nearrings

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We consider groups of the nilpotency class 2 of order p^4 which are the additive groups of local nearrings. It was shown that, for odd p , out of 6 of such groups 4 of them are the additive groups of local nearrings. Some examples of such nearrings are explicitly constructed (see [1]).

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References

- [1] I. Raievska, M. Raievska, Groups of the nilpotency class 2 of order p^4 as additive groups of local nearrings, 2023, <https://arxiv.org/abs/2303.17567>