

# NIP FIELDS

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The purpose of this talk is to give an overview on fields with an NIP theory. Fields definable in an o-minimal structure are known to be either real closed or algebraically closed [6]. Another notion of minimality within NIP theories, so called dp-minimality, has attract recently more attention. Such fields have been characterized by Johnson in [4]. But what can one say outside of this tame context? We briefly present the result of Johnson, but concentrate on discussing general results about Artin-Schreier extension of NIP fields by Kaplan, Scanlon and Wagner [5] and PAC fields by Duret [2]. Moreover, we give some generalization of the aforementioned results to wider model theoretic concepts [3, 1].

## REFERENCES

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