

- ▶ DAVID BRADLEY-WILLIAMS, *Canonical invariants for  $t$ -stratifications*.  
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A classical tool in singularity theory is the notion of a stratification of algebraic subsets of  $\mathbb{R}^n$  or  $\mathbb{C}^n$ . In [1], Immanuel Halupczok has developed the notion of  *$t$ -stratification* in the context of sets definable in a valued field. We will present joint work with I. Halupczok, in which we investigate invariants of such stratifications that we associate canonically to definable sets, with particular interest in valued fields such as  $\mathbb{R}((t))$  and  $\mathbb{C}((t))$ .

This is joint work with Immanuel Halupczok (HHU Düsseldorf).

[1] I. HALUPCZOK, *Non-archimedean Whitney stratifications*, **Proc. Lond. Math. Soc.** (2014) 109 , no. 5, pp. 1304–1362.