

SMALL BIBLIOGRAPHY ON VALUATIONS, ISTANBUL CIMPA-TUBITAK SCHOOL 2010

BERNARD TEISSIER

REFERENCES

- [1] S. Abhyankar, *On the valuations centered in a local domain*, Amer. J. Math. 78 (1956), 321 - 348.
- [2] N. Bourbaki, *Commutative Algebra, Chapter 6*.
- [3] F. Cano, R. Moussu, J.-P. Rolin, *Non-oscillating integral curves and valuations*, J. Reine Angew. Math. 582 (2005), 107–141.
- [4] S. Cutkosky and B. Teissier, *Semigroups of valuations on local rings*, Michigan Math. Journal 57 (2008), 173-193.
- [5] C. Favre and M. Jonsson, *The valuative tree*, Lecture Notes in Math 1853, Springer Verlag, Berlin, Heidelberg, New York, 2004.
- [6] F. J. Herrera Govantes, M. A. Olalla Acosta, M. Spivakovsky, B. Teissier, *Extending a valuation centered in a local domain to the formal completion*, arXiv:1007.4658
- [7] F.-V. Kuhlmann, book on valuations in preparation, available at http://math.usask.ca/_fvk/
- [8] S. MacLane, *A construction for absolute values in polynomial rings*, Trans. Amer. Math. Soc. 40 (1936), 363 - 395.
- [9] S. MacLane and O. Schilling, *Zero-dimensional branches of rank 1 on algebraic varieties*, Annals of Math. 40 (1939), 507 - 520.
- [10] M. Moghaddam, *A construction for a class of valuations of the field $K(X_1, \dots, X_d, Y)$ with large value group*, Journal of Algebra, 319, 7 (2008), 2803-2829.
- [11] J.W. Morgan and P.B. Shalen, *Valuations, trees, and degenerations of hyperbolic structures*, Annals of Math, 120, (1984), 401-476.
- [12] P. Roquette, *History of valuation theory, I*, on http://www.rzuser.uni-heidelberg.de/_ci3/manu.html
- [13] M. Spivakovsky, *Valuations in function fields of surfaces*, Amer. J. Math. 112 (1990), 107 - 156.
- [14] B. Teissier, *Valuations, deformations, and toric geometry*, Proceedings of the Saskatoon Conference and Workshop on valuation theory (second volume), F.-V. Kuhlmann, S. Kuhlmann, M. Marshall, editors, Fields Institute Communications, 33, 2003, 361 - 459.
- [15] M. Vaquié, *Valuations* (French), in "Resolution of singularities", (Obergurgl. 1997), Progress in Math., 181, Birkhäuser, Basel 2000.
- [16] M. Vaquié, *Valuations and local uniformization*, in "Singularity theory and its applications", Advanced studies in Pure Math, 43, Math. Soc. of Japan Tokyo 2006, 477-527, distributed by AMS .
- [17] O. Zariski and P. Samuel, *Commutative Algebra Volume II*, D. Van Nostrand, Princeton, 1960.
- Visit the valuation theory Home Page (http://math.usask.ca/_fvk/valth.html)
- You can download many of my papers from http://people.math.jussieu.fr/_teissier/