

NEW FIBRATIONS STRUCTURES FOR REAL ANALYTIC MAP GERMS

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We introduce two local fibration structures motivated by the emergence of new classes of real maps. The first one deals with the complementary of the discriminant, whereas the second one includes in the picture the stratification over the stratified discriminant. They may exist whenever the map germ is ‘nice’, in a sense that we are define in this talk. The results presented here can be found in more detail in [1], a joint work with Araújo dos Santos (ICMC-USP) and Mihai Tibăr (Lille-France).

REFERENCES

- [1] Araújo dos Santos, R. N., Ribeiro, M.F., Tibăr, M.: Fibrations of highly singular map germs. Bull. Sci. Math. **155**, 92-111 (2019). online, <https://doi.org/10.1016/j.bulsci.2019.05.001>

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