MILNOR FIBRATION AT INFINITY FOR REAL POLYNOMIAL MAPS

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ABSTRACT. In this talk, we will give a new criterion for the existence of Milnor fibration at infinity. Our result is not only a generalisation of Némethi and Zaharia's result (See [NZ]) for complex polynomials and also works for real polynomial maps. In particular, we will apply our criterion to some classes of mixed polynomials, for instance non-degenerate mixed polynomials cf [Ch], [CT]. This is a joint work with Prof. Mihai Tibăr and Prof. R.N. Araújo dos Santos.

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