

Milnor numbers in deformations of homogeneous singularities

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Let f_0 be a plane curve singularity. We study the Milnor numbers of singularities in deformations of f_0 . We completely describe the set of these Milnor numbers for homogeneous singularities f_0 in the case of non-degenerate deformations and obtain some partial results on this set in the general case.

References

- [1] Brzostowski, T. Krasieński, J. Walewska, *Milnor numbers in deformations of homogeneous singularities*, arXiv:1404.7704v1.