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NOTE OF A THEOREM IN SINGULARITY THEORY

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Abstract. Our algorithm for solving the recognition problem in bifurcation theory splits monomials into three classes: low-order terms, intermediate-order terms and higher-order terms. In describing the low-order terms, ′the smallest intrinsic ideal containing a germ h′ is introduced by Golubitsky M and Schaeffer D G, then they give a proposition, but the proof of the proposition is not right. In this paper we prove the proposition again.

Keywords. bifurcation; codimension; intrinsic ideal; equivalence.

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