

Singular open book structures from real mappings

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(Submitted on 8 Nov 2010)

We prove extensions of Milnor's theorem for germs with nonisolated singularity and use them to find new classes of genuine real analytic mappings ψ with positive dimensional singular locus $\text{Sing } \psi \subset \psi^{-1}(0)$, for which the Milnor fibration exists and yields an open book structure with singular binding.

Subjects: **Algebraic Geometry (math.AG)**; Complex Variables (math.CV)

Cite as: [arXiv:1011.1757v1](#) [math.AG]

Submission history

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[v1] Mon, 8 Nov 2010 10:30:15 GMT (23kb)

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