Basic intersection cohomology for singular foliations

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The classical basic cohomology of a foliated manifold is insufficient to detect many important properties of singular foliations. We present recent results on topology and geometry of Riemannian manifolds foliated by singular foliations which involve basic intersection cohomology introduced in [1].

References

[1] M. Saralegi, R. Wolak, *BIC of a conical fibration*, Math. Notes 77, 2005, 213–231.