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The stack of microlocal perverse sheaves. (English) Zbl 1112.32015
Bull. Soc. Math. Fr. 132, No. 3, 397-462 (2004).

Summary: We construct the abelian stack of microlocal perverse sheaves on the projective cotangent bundle of a complex manifold. Following ideas of Andronikof we first consider microlocal perverse sheaves at a point using classical tools from microlocal sheaf theory. Then we will use Kashiwara-Schapira's theory of analytic ind-sheaves to globalize our construction. This presentation allows us to formulate explicitly a global microlocal Riemann-Hilbert correspondence.

MSC:

32S60 Stratifications; constructible sheaves; intersection cohomology (complex-analytic aspects) Cited in 11 Documents
18D05 Double categories, 2-categories, bicategories and generalizations (MSC2010)

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