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Ellipticity and continuous conormal asymptotics on manifolds with conical singularities.

(English) [Zbl 0664.58041](#)

Math. Nachr. 136, 7-57 (1988).

The paper develops the theory of elliptic operators with continuous conormal asymptotics. The basic tool is the Mellin transform. A symbolic calculus for Mellin symbols is developed which leads in a natural way to the concept of ellipticity and to parametrix constructions. In a final section the calculus is modified for manifolds with conical singularities.

Reviewer: [J.Marschall](#)

MSC:

[58J32](#) Boundary value problems on manifolds

[35S15](#) Boundary value problems for PDEs with pseudodifferential operators

Cited in **1** Review
Cited in **4** Documents

Keywords:

elliptic operators; conormal asymptotics; manifolds with conical singularities

Full Text: [DOI](#)

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