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**Differential equations with irregular singular points in dimension two. (Équations différentielles à points singuliers irréguliers en dimension 2.)** (French) [Zbl 0803.32005](#)

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We associate a fibration with each meromorphic connection in dimension 2, which is related with the irregularity complex of the connection along its singular locus, and generalizes the notion of a Stokes line in dimension 1. This construction is made under the hypothesis that the connection has a “good formal structure” after (complex) blowing up.

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**MSC:**

[32C38](#) Sheaves of differential operators and their modules,  $D$ -modules  
[34M99](#) Ordinary differential equations in the complex domain  
[32S30](#) Deformations of complex singularities; vanishing cycles

Cited in **1** Review  
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[real blowing up](#); [irregularity](#); [meromorphic connection](#)

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**References:**

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