

**Debord, Claire**

**Holonomy groupoids of singular foliations.** (English) [Zbl 1034.58017](#)

*J. Differ. Geom.* 58, No. 3, 467-500 (2001).

The author presents a new construction of Lie groupoids which is particularly well adapted to the generalization of holonomy groupoids of singular foliations. Given a family of local Lie groupoids on open subsets of a manifold satisfying certain conditions, she constructs a Lie groupoid that contains the whole family. This construction involves a new way of considering local Morita equivalences, not only as equivalence relations but also as generalized isomorphisms. This enables the author to prove, among others, that almost injective Lie algebroids are integrable. In conclusion, several interesting concrete examples are discussed.

Reviewer: [I. Kolář \(Brno\)](#)

**MSC:**

[58H05](#) Pseudogroups and differentiable groupoids

[57R30](#) Foliations in differential topology; geometric theory

Cited in **3** Reviews  
Cited in **25** Documents

**Keywords:**

[Lie groupoid](#); [singular foliation](#); [Morita equivalence](#); [Lie algebroid](#)

**Full Text:** [DOI](#)