



Algebraic Geometry Seminar

The category of Lie algebroids

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ABSTRACT

The generalized complex geometry is introduced to understand the complex geometry and symplectic geometry in one language. But the construction of the category is not easy. We introduce the category of Lie algebroids containing the generalized complex geometry and relate it to that of Lie groupoids. We propose the natural duality or (mirror) symmetry in this context. This is an on-going work.

- **Time & Date : 04:00p.m.~05:00 p.m. May 15 (TUE) 2012**
- **Place : Math Science Building room 404**