

Connectors and groupoids in Goursat categories

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We prove that connectors are stable under quotients in any (regular) Goursat category. As a consequence, the category $Conn(\mathbb{C})$ of connectors in \mathbb{C} is a Goursat category whenever \mathbb{C} is. This implies that Goursat categories can be characterised in terms of a simple property of internal groupoids.

This is joint work with Marino Gran and Idriss Tchoffo Nguéfeu.