

Oberseminar Arithmetrische Geometrie: The "derived" Category of $\overline{\mathbb{Q}}_l$ -Sheaves

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Abstract

The "derived" category of $\overline{\mathbb{Q}}_l$ -sheaves $D_c^b(X, \overline{\mathbb{Q}}_l)$ of a scheme X is not a derived category in the original sense. We will construct this category and discuss some applications.