

Paracontrolled Calculus and Regularity Structures

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First we introduce the Bailleul-Hoshino's result, which links the theory of regularity structures with the paracontrolled calculus. As an application of their result, we give another algebraic proof of the multicomponent commutator estimate, which is a general version of the Gubinelli-Imkeller-Perkowski's commutator estimate.