

WEYL'S LEMMA ON $RCD(K,N)$ SPACES

Speaker: Hui-Chun Zhang

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Time: Mon, Dec. 5th, 10:00-11:00

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Abstract: In this talk, we will introduce an extension of Weyl's lemma and a regularity result for the very weak solutions of Poisson equations on $RCD(K,N)$ metric measure spaces. This is also applied to the regularity theory of the elliptic equations of divergence form on Euclidean spaces.