

Seminar 2021

Math

Local Hölder regularity for nonlocal equations
with nonstandard growth and differentiability

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ZOOM강의

Abstract: In this talk, we discuss local regularity for weak solutions to nonlocal problems. I introduce nonlocal equations of the fractional p -Laplacian type in the context of the calculus of variations and known regularity results for these equations. Finally, I also present our recent results about the local boundedness and the local Hölder continuity of weak solutions to nonlocal equations with nonstandard growth and differentiability under sharp assumptions.



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