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Existence and Uniqueness of Renormalized Solutions to Some Nonlinear Elliptic Equations with Variable Exponents and Measure Data

We prove the existence and uniqueness of renormalized solutions to a class of nonlinear elliptic equations with variable exponents and measure data in  $L^{1}(\Omega) + W^{-1,p'(\cdot)}(\Omega)$ .

**Keywords**: Nonlinear elliptic equations, variable exponents, measure data, renormalized solution, existence, uniqueness.

MSC: 35D05, 35J60, 35J70, 26D07