

## TWO-WEIGHT CACCIOPPOLI-TYPE ESTIMATES AND WEAK REVERSE HÖLDER INEQUALITIES FOR $\mathcal{A}$ -HARMONIC TENSORS

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*Abstract.* In this paper, we first introduce a new weight  $-A_{r^3}^{\lambda_1, \lambda_2, \Omega}$ -weight, and then prove the two-weight Caccioppoli-type estimates and the two-weight weak reverse Hölder inequalities for  $\mathcal{A}$ -harmonic tensors, which can be regarded as generalizations of the classical results.

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