Silvana Marchi $C^{1,\alpha}$ local regularity for the solutions of the p-Laplacian on the Heisenberg group. The case $1 + \frac{1}{\sqrt{5}}$

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Abstract: We prove the Hölder continuity of the homogeneous gradient of the weak solutions $u \in W_{loc}^{1,p}$ of the p-Laplacian on the Heisenberg group \mathcal{H}^n , for $1 + \frac{1}{\sqrt{5}} .$

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