SOME SHARP INEQUALITIES ON MIXED–NORM SPACES ON THE UNIT BALL

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Abstract. We give some sharp inequalities on the mixed-norm spaces of holomorphic and harmonic functions on the unit balls in $\mathbb{C}^n$ and $\mathbb{R}^n$ respectively. Several interesting corollaries and applications of the inequalities are also given.


Keywords and phrases: Mixed-norm space, unit ball, holomorphic functions, harmonic functions, Čebyšev inequality.

REFERENCES


