

A NOTE ON A THEOREM OF BORWEIN,
BORWEIN, FEE AND GIRGENSOHN

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Abstract. A simple application of a theorem of [1] shows that the product of the volume of the unit ball of ℓ_p^n by the volume of the unit ball of its dual space is increasing for $1 \leq p \leq 2$.

Mathematics subject classification (2000): 52A22, 26B25, 52A38, 33B15.

Key words and phrases: Normed-spaces, unit-balls, volume-product-inequalities.

REFERENCES

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