REVERSED JENSEN TYPE INTEGRAL
INEQUALITIES FOR MONOTONE FUNCTIONS

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Abstract. Reversed Jensen type integral inequalities for monotone functions are deduced from a more general inequality. Special cases are of interest in the study of Volterra integral operators.

REFERENCES

[1] S. BARZA, J. PEČARIĆ AND L. E. PERSSON,, *Reversed Hölder type inequalities for monotone functions of several variables*, Math. Nachr. **186** (1997), 67–80.
[2] G. BENNETT, *Factorising the classical inequalities*, Mem. Amer. Math. Soc. **120** (1996).
[3] J. BERGH, *A converse inequality of Hölder type,*, Math. Z. **215** (1994), 205–208.
[4] YU. V. EGOROV, *On an integral inequality, Operator Theory: Advances and Applications, to appear*.
[5] H. HEINIG AND L. MALIGRANDA, *Weighted inequalities for monotone and concave functions*, Studia Math. **116 (2)** (1995), 133–165.
[6] A. A. JAGERS, *An integral inequality of Bushell and Okrasinski, to appear*.
[7] J. PEČARIĆ, I. PERIĆ AND L. E. PERSSON, *Integral inequalities for monotone functions*, J. Math. Anal. and Appl. **215** (1997), 235–251.
[8] W. WALTER AND V. WECKESSER, *An integral inequality of convolution type*, Aequationes Math. **46** (1993), 212–219.

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