SOME NEW OPIAL–TYPE INEQUALITIES

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Abstract. In [3] Agarwal, Pečarić and Brnetić improved many known Opial-type inequalities in n independent variables. Here we shall use the same basic idea as used in [3] to improve some Opial-type inequalities in one variable proved by Agarwal and Pang [1]. We shall also make some remarks on the results proved in [3] and give some simple generalizations.

Key words and phrases: Opial-type inequality, convex function, Hölder inequality, Jensen inequality.

REFERENCES