

ON OPERATOR BOHR TYPE INEQUALITIES

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Abstract. The purpose of this paper is to discuss inequalities related to operator versions of the classical Bohr inequality. We obtain refinements of some inequalities due to Cheung and Pečarić [J. Math. Anal. Appl. 323 (2006) 403–412] and Zhang [J. Math. Anal. Appl. 333 (2007) 1264–1271]. Moreover, we present two inequalities for multiple operators, which are similar to ones proposed by Chansangiam et al. [J. Math. Anal. Appl. 356 (2009) 525–536].

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