ON THE CHEBYSHEV FUNCTIONAL

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Abstract. In this paper we prove an inequality for certain orthoprojectors. For orthoprojectors of rank one we obtain a Chebyshev type inequality. Grüss-Lupaş type inequalities are also discussed.

Mathematics subject classification (2000): 26D15, 26D20, 15A39, 06F20. *Key words and phrases:* orthoprojector, Chebyshev type inequality, Grüss-Lupaş inequality.

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