

UNIFIED TREATMENT OF COMPLEMENTED SCHWARZ AND GRÜSS INEQUALITIES IN INNER PRODUCT SPACES

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Abstract. There is a lots of known complemented Cauchy-Bunyakowsky-Schwarz' inequalities in the literature. In the first part of this paper we shall deduce many of them using very simple technique of inner product space. The similar technique is applied in the second part to complemented Grüss' inequality.

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