A NOTE ON NUMERICAL RADIUS
AND THE KREÌN-LIN INEQUALITY

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Abstract. In this note we show that the KreÌn-Lin triangle inequality can be
naturally applied to obtain an elegant reverse for a classical numerical radius
power inequality for bounded linear operators on complex Hilbert spaces, due to
C. Pearcy.

MSC 2010. 47A63.

Key words. Triangle inequality, operator norm, numerical radius.

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Received March 13, 2018
Accepted May 22, 2018

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The author thanks the referee for his helpful comments and suggestions.

DOI: 10.24193/mathcluj.2018.2.06