GOOD OLD LOEWNER’S THEOREM: A PROOF BY
A. KORANYI AND B. SZ.-NAGY

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The classical Loewner theorem (C. Loewner, 1934) gives a necessary and sufficient condition for a function to be monotone on Hermitian matrices with the spectrum in a given interval. In my talk, I will present a proof given by A. Koranyi and B. Sz.-Nagy in 1958, which uses reproducing kernel Hilbert space techniques.