

**Advances in Technology of Precision Measurements with
Josephson Circuits**

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Abstract — In the past year, a number of metrology papers have been published that advance the state of the art both in Josephson voltage standard technology and in precision measurements for dc and ac voltage, ac impedance and Johnson noise thermometry. Their contents and main results are summarized here with links to DOI numbers of full publications.

Keywords (Index Terms) — Standard, voltage, metrology, Josephson junction, Johnson noise, thermometry, arbitrary waveform synthesis.