

Editorial

In this edition of our journal, we spotlight a significant advancement in AC voltage measurement technology. The featured research paper delves into a fast AC voltage RMS measuring converter that incorporates an iterative additive error correction method. This innovative approach promises high conversion rates and precise error analysis, offering substantial improvements in voltage measurement accuracy and speed.

The paper introduces an AC voltage RMS measuring converter that employs an iteratively integrating conversion method. This method enhances the conversion rate, making it highly efficient for various applications. The iterative additive error correction process is at the heart of this converter's design, ensuring that conversion errors are minimized and accuracy is maximized [1].

The featured paper offers a detailed exploration of a fast AC voltage RMS measuring converter with iterative additive error correction. By combining high conversion rates with rigorous error analysis and correction, this research provides valuable insights and advancements in voltage measurement technology. We are excited to share these findings with our readers and anticipate that they will inspire further research and development in this field.

References:

- [1] I. Sergeyev, "Fast RMS-to-DC Measuring Converter," *Journal of Engineering Research and Sciences*, vol. 2, no. 7, pp. 1–9, 2023, doi:10.55708/js0207001.

Editor-in-chief

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