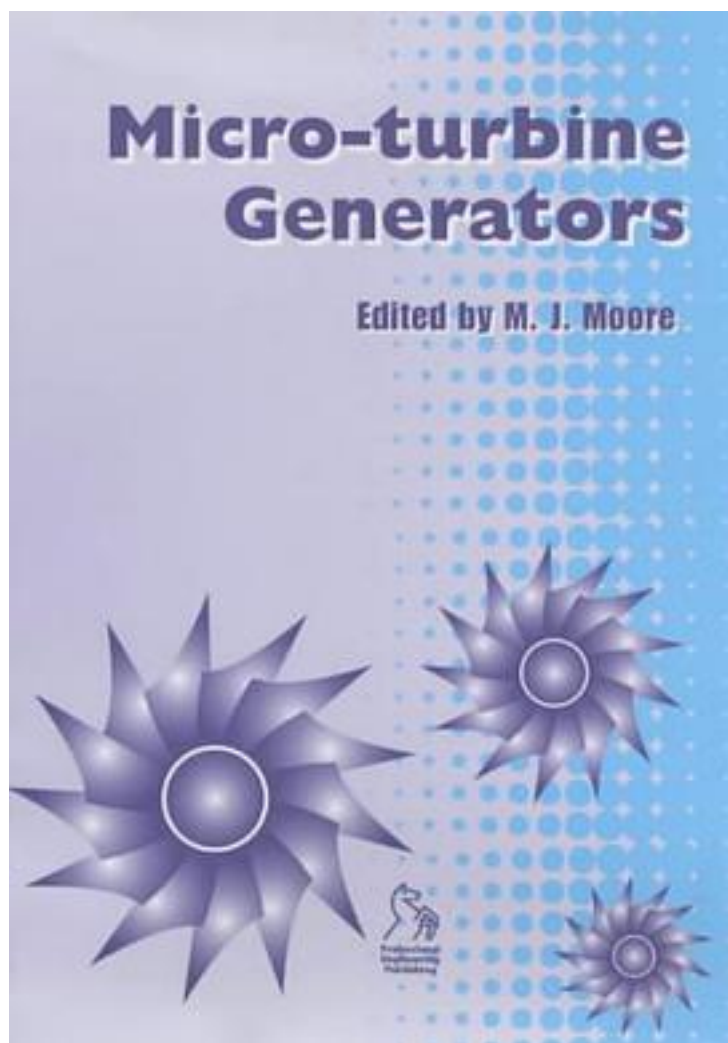


# Micro-turbine Generators (IMechE conference)



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In recent years, modern precision manufacturing techniques and design methods have substantially improved the performance of micro-turbine generators (MTG). Compared to conventional generators, micro-turbine power sources are much smaller and portable. Microturbine generators are also proving to be more efficient, easier to maintain, and more environmentally friendly with fewer emissions. Although power generators running on microturbines can use various types of energy sources, Micro-turbine Generators brings together a wide range of engineering experience to describe the emergence of micro-turbine technology, its viability and its future potential. COMPLETE CONTENTS: Foreword An introduction to micro-turbine generators Micro-turbine generators - next generation Analysis of micro- and mini-turbine competitive and supply markets in Europe Future potential developments of micro-turbine generators - hybrid cycles and tri-generation Design reliability of micro-turbines Field experience with micro-turbines in Canada Design problems in micro-turbine generators Tip-leakage flow: A comparison between axial and radial turbines

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