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Nota di contenuto Contents; Foreword to the first edition; Preface; Gas Turbine Engine

Configurations 1; 1 Gas Turbine Engine Applications; 1.0 Introduction;

1.1 Comparison of gas turbine and diesel engines; 1.2 Power generation applications; 1.3 Industrial mechanical drive applications; 1.4 Automotive applications; 1.5 Marine applications; 1.6 Aircraft applications -propulsion requirements; 1.7 Shaft powered aircraft -turboprops and turboshafts; 1.8 Thrust propelled aircraft -turbofans, turbojets and ramjets; 1.9 Auxiliary power units (APUs); Formulae;

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Sommario/riassunto

A significant addition to the literature on gas turbine technology, the second edition of Gas Turbine Performance is a lengthy text covering product advances and technological developments. Including extensive figures, charts, tables and formulae, this book will interest everyone concerned with gas turbine technology, whether they are designers, marketing staff or users.