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Sommario/riassunto

This book focuses on the intelligent control design for both the induction motor (IM) and the permanent magnet synchronous motor (PMSM). Compared with traditional control schemes, such as the field-oriented control (FOC) and the direct torque control (DTC), the intelligent controllers designed in this book could overcome the influence of parameter uncertainty and load torque disturbance. This book is a research monograph, which provides valuable reference material for researchers who wish to explore the area of AC motor. In addition, the main contents of the book are also suitable for a one-semester graduate course. .