

1. Record Nr.	UNINA9910299948103321
Autore	Buksnaitis Jonas Juozas
Titolo	Six-Phase Electric Machines / / by Jonas Juozas Buksnaitis
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2018
ISBN	3-319-75829-2
Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (124 pages)
Disciplina	621.316
Soggetti	Power electronics Energy consumption Machinery Power Electronics, Electrical Machines and Networks Energy Efficiency Machinery and Machine Elements
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	This book presents the design methodology and electrical diagrams of symmetrical six-phase windings, the main elements of the six-phase electrical machines that are being developed to help meet the demand for high power electric drive systems that are resilient and energy efficient. Chapters are fully illustrated and include detailed tables that provide a comprehensive analysis of energy exchange processes ranging from electrical to magnetic and reveal the advantages of such windings against analogical three-phase windings. .