1. Record Nr. UNINA9910810599203321

Autore	Pray Leslie A.
Titolo	Examining a developmental approach to childhood obesity - the fetal and early childhood years : workshop summary / / Institute of Medicine (U.S.) ; Leslie A. Pray, Rapporteur
Pubbl/distr/stampa	Washington, District of Columbia : , : The National Academies Press, , 2015 ©2015
ISBN	0-309-37698-X 0-309-37696-3
Descrizione fisica	1 online resource (170 p.)
Disciplina	618.92/398
Soggetti	Obesity in children - Prevention Obesity in children - Diet therapy
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	FrontMatter; Reviewers; Contents; 1 Introduction; 2 Conceptual Overview of the Role of Epigenetics in Childhood Obesity; 3 Etiology and Causal Inference; 4 Opportunities for Intervention and Prevention; 5 Real-World Application; 6 Data Gaps and Future Directions; References; Appendix A: Workshop Agenda; Appendix B: Speaker Biographies

2. Record Nr. UNINA9911016075503321

Autore	Zhang Chenghui
Titolo	Advanced Control Technology of Photovoltaic Power Generation Systems : For Safety, Efficiency, Reliability, and Adaptability / / by Chenghui Zhang
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2025
ISBN	981-9677-45-9
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (XVI, 528 p. 378 illus., 375 illus. in color.)
Disciplina	621.31244
Soggetti	Photovoltaic power generation Automatic control Renewable energy sources Electronic circuits Photovoltaics Control and Systems Theory Renewable Energy Electronic Circuits and Systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	The photovoltaic (PV) inverter serves as the interface between the PV panels and the power grid and realizes the power conversion, which is the core equipment of the PV power generation system. With the development of PV industry, the requirements of functions or performances for PV inverters are also gradually proposed in practical applications, which consist of safety, generation efficiency, transmitted power quality, robustness to multiple disturbances, grid-friendly, continuity of power supply, and system reliability. To satisfy these requirements, this book puts forward a series of software-based advanced control technologies for PV inverters. Through these control technologies, the PV power generation system has gradually become a system with high safety, high reliability, high efficiency, and strong adaptability, which serves as a core support in modern power system.

To facilitate the understanding, the operating principle, model derivation, control schemes, and comprehensive verification results of the PV inverters are presented step by step in this book, which can serve as a guide for electrical engineers and researchers involved in the development of PV power generation. This is an open access book.