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Nota di contenuto	THERMAL ENERGY STORAGE; Contents; About the Authors; Preface; Acknowledgements; 1 General Introductory Aspects for Thermal Engineering; 2 Energy Storage Systems; 3 Thermal Energy Storage (TES) Methods; 4 Thermal Energy Storage and Environmental Impact; 5 Thermal Energy Storage and Energy Savings; 6 Energy and Exergy Analyses of Thermal Energy Storage Systems; 7 Numerical Modeling and Simulation of Thermal Energy Storage Systems; 8 Thermal Energy Storage Case Studies; 9 Recent Advances in TES Methods, Technologies, and Applications; Appendix A Conversion Factors Appendix B Thermophysical Properties Appendix C Glossary; Index

The ability of thermal energy storage (TES) systems to facilitate energy savings, renewable energy use and reduce environmental impact has led to a recent resurgence in their interest. The second edition of this book offers up-to-date coverage of recent energy efficient and sustainable technological methods and solutions, covering analysis, design and performance improvement as well as life-cycle costing and assessment. As well as having significantly revised the book for use as a graduate text, the authors address real-life technical and operational problems, enabling the reader to gain an

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