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Nota di contenuto	Preliminary Material -- Introduction / Adrian J. Boas -- Montfort Castle and the Order of the Teutonic Knights in the Latin East / Kristjan Toomaspoeg -- The Region of Montfort and Land Ownership in the Frankish Period / Rabei G. Khamisy -- Montfort Castle (Qalat Al-Qurayn) in Mamluk Sources / Rabei G. Khamisy -- Archaeological Evidence for the Mamluk Sieges and Dismantling of Montfort: A Preliminary Discussion / Adrian J. Boas -- Montfort Castle in Travellers' Descriptions and Illustrations / Rabei G. Khamisy -- The Survey of Western Palestine Report on Montfort (1877) / Adrian J. Boas -- The Metropolitan Museum of Art Expedition to Montfort (1926) / Adrian J. Boas -- Initial Thoughts on the Architectural Development of the Castle / Adrian J. Boas and Rabei G. Khamisy -- Interpretation of the Parts / Adrian J. Boas -- The Building Below the Castle / Laura Aiello and Cecilia Luschi -- History and Archaeology of the Frankish Village of Tarphile / Rabei G. Khamisy -- The Stones of Montfort: Sources of Stone for Montfort Castle / Vardit Shotten-Hallel , Dorit Korngreen and Lydia Perelis Grossowicz -- Masonry and Masons' Marks / Rabei G. Khamisy -- Introduction to the Finds / Adrian J. Boas -- Ceramic Finds / Adrian J. Boas -- The Winepress at Montfort / Rafael Frankel -- Glass Finds in the Metropolitan Museum of Art from the 1926 Expedition /

David Whitehouse† , Timothy B. Husband , Lisa Pilosi , Mary B. Shepard and Mark T. Wypyski -- Stone, Metal, Wood and Worked Bone Finds from the 1926 Expedition / Adrian J. Boas -- A Roman Imperial Wine Vessel? / Tamar Backner -- The Montfort Castle Project (MCP): A Summary of the Surveys and the First Six Excavation Seasons (2011–2015) / Adrian J. Boas -- Coin Finds (1926–2012) and the Use of Money at Montfort / Robert Kool -- Dendroarchaeological Investigations of Finds from Montfort Castle: Analysis of Finds from 1926 and 2011–2012 / Nili Liphshitz -- Tree Wormwood (*Artemisia Arborescens*) at Montfort Castle: The Possible Introduction of a Medicinal Plant from Western Europe to the Latin East in the Crusader Period / Nativ Dudai and Zohar Amar -- The Stone Matrices from Montfort: About Moulds, Tin Relief and the Polychromy of Shields in the Thirteenth Century / Andrea Wähning -- The Architectural Sculpture of Montfort Castle Revisited / Nurith Kenaan-Kedar -- How Strong was Strong Mountain? / Rafael Lewis -- Two Board Games and Some Graffiti from Montfort / Adrian J. Boas -- Brief Preliminary Remarks on the Sampling and Analysis of Mortars Used in the Construction and Conservation of Montfort Castle / Jonathan J. Gottlieb -- Summary and Conclusions / Adrian J. Boas -- Appendix I Find Lists and the Division of Finds / Adrian J. Boas -- Appendix II Compositional Analyses of Vessels and Window Glasses from Montfort (Weight Percent) / David Whitehouse† , Timothy B. Husband , Lisa Pilosi , Mary B. Shepard and Mark T. Wypyski -- Bibliography -- Index.

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Montfort Castle, located in the western Galilee, was the principal fortress of the Teutonic Order, one of the three great military orders of the Crusader period. It was built in the early thirteenth century and occupied and dismantled by the Mamluk army in 1271. It is among the finest examples of Crusader spur castles. This present volume includes discussions by 23 scholars, experts in their fields, in 28 chapters covering every aspect of past and recent scholarship on the history of the Teutonic Order and the castle, travellers' descriptions, the architecture, the geographical setting, the material culture of the garrison, and detailed descriptions of the 1926 archaeological expedition to Montfort and the ongoing work of the Montfort Castle Project. Winner of the 2017 Verbruggen prize , awarded annually by the De Re Militari society for the best book on medieval military history. The awarding committee stated that the volume offers 'a through exploration of all the sources, archaeological and literary, relating to an important site. A model for future work.' Contributors are Laura Aiello, Zohar Amar, Tamar Backner, Adrian J. Boas, Nativ Dudai, Rafael Frankel, Jonathan J. Gottlieb, Lydia Perelis Grossowicz, Timothy B. Husband, Nurith Kenaan-Kedar, Rabei G. Khamisy, Robert Kool, Dorit Korngreen, Rafael Lewis, Nili Liphshitz, Cecilia Luschi, Lisa Pilosi, Mary B. Shepard, Vardit Shotten-Hallel, Kristjan Toomaspoeg, Andrea Wähning, David Whitehouse, and Mark Wypyski.

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Autore	Fouad Nabil A
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Nota di contenuto	Cover -- Vorwort -- Inhaltsübersicht -- Inhaltsverzeichnis -- Autor: innenverzeichnis -- A Allgemeines und Normung -- A1 Neuauflage der DIN/TS 18599 „Energetische Bewertung von Gebäuden“ -- 1 Historie -- 2 Status quo -- 3 Die Neuerungen im Detail -- 3.1 DIN/TS 18599 – Teil 1: Allgemeine Bilanzierungsverfahren, Begriffe, Zonierung und Bewertung der Energieträger -- 3.2 DIN/TS 18599 – Teil 2: Nutzenergiebedarf für Heizen und Kühlen von Gebäudezonen -- 3.3 DIN/TS 18599 – Teil 3: Nutzenergiebedarf für die energetische Luftaufbereitung -- 3.4 DIN/TS 18599 – Teil 4: Nutz- und Endenergiebedarf für Beleuchtung -- 3.5 DIN/TS 18599 – Teil 5: Endenergiebedarf von Heizsystemen und DIN/TS 18599 – Teil 8: Nutz- und Endenergiebedarf von Warmwasserbereitungssystemen -- 3.6 DIN/TS 18599 – Teil 6: Endenergiebedarf von Wohnungslüftungsanlagen, Luftheizungsanlagen und Kühltssystemen für den Wohnungsbau -- 3.7 DIN/TS 18599 – Teil 7: Endenergiebedarf von Raumluftheizungs- und Klimakältesystemen für den

Nichtwohnungsbau -- 3.8 DIN/TS 18599 – Teil 9: End- und primärenergetische Bewertung von Kraft-Wärme-Kopplungs-, Photovoltaik- und Windenergieanlagen im unmittelbaren räumlichen Zusammenhang mit dem Gebäude -- 3.9 DIN/TS 18599 – Teil 10: Nutzungsrandbedingungen, Klimadaten -- 3.10 DIN/TS 18599 – Teil 11: Gebäudeautomation -- 3.11 DIN/TS 18599 – Teil 12: Tabellenverfahren für Wohngebäude -- 3.12 DIN/TS 18599 – Teil 13: Tabellenverfahren für Nichtwohngebäude -- 3.13 DIN Media Kommentar: Berechnung der Anteile erneuerbarer Energien nach GEG 2024 – Anwendung von Kennwerten aus DIN V 18599 -- 3.14 DIN V 18599 – Beiblatt 1: Bedarfs-Verbrauchs-Abgleich -- 3.15 DIN V 18599 – Beiblatt 2: Nachweisprozedur für die nach dem Gesetz zur Förderung Erneuerbarer Energien im Wärmebereich (EEWärmeG) geforderten Erneuerbare Energien Anteile (EE) für die Wärmeerzeugung -- 3.16 DIN/TS 18599 – Beiblatt 3: Standardisiertes Ausgabeformat -- 4 Ausblick -- Literatur -- B Dämmstoffe -- B1 Dämmstoffe im Bauwesen

Sommario/riassunto

This book deals with hygrothermal building component simulation, fire, sound, daylight and building simulation as well as with urban climate and the flow of people simulation. Applications are used to show how AI can support decision-making in design and planning in the future.
