

1. Record Nr.	UNINA9910796609403321
Autore	Strunk Christoph
Titolo	Moderne Thermodynamik . Band 1 : Physikalische Systeme und ihre Beschreibung // Christoph Strunk
Pubbl/distr/stampa	Berlin, [Germany] ; ; Boston, [Massachusetts] : , : De Gruyter, , 2018 ©2018
ISBN	3-11-056034-8
Edizione	[2. Auflage.]
Descrizione fisica	1 online resource (415 pages) : illustrations
Collana	De Gruyter Studium ; ; 1
Disciplina	536/.7
Soggetti	Thermodynamics
Lingua di pubblicazione	Tedesco
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Frontmatter -- Vorwort zur 2. Auflage -- Vorwort zur 1. Auflage -- Inhalt -- Inhaltsverzeichnis des zweiten Bandes -- Stoffauswahl für eine Einführungsvorlesung -- Bezeichnungen -- 1. Wie beschreibt man physikalische Systeme? -- 2. Thermische Systeme -- 3. Ideale Gase -- 4. Maschinen -- 5. Thermodynamische Potenziale -- 6. Archetypische thermische Systeme -- 7. Zusammengesetzte Systeme und Gleichgewichte -- 8. Transportphänomene -- 9. Reale Systeme -- A. Differenzialrechnung im $R_n$ -- B. Wahrscheinlichkeiten und Wahrscheinlichkeitsdichten -- C. Nützliche Integrale -- D. Legendre-Transformation -- E. Das Zwei-Körper-System aus thermodynamischer Sicht -- F. Magnetische Felder in Materie -- Danksagung -- Literaturverzeichnis -- Stichwortverzeichnis
Sommario/riassunto	Dieses Buch schlägt eine neuartige Brücke zwischen dem traditionellen und dem statistischen Zugang zur Thermodynamik. Es ist aus experimenteller Perspektive beschrieben, bemüht sich aber gleichzeitig um konzeptionelle Strenge. Der erste Band erläutert die Grundbegriffe der makroskopischen Thermodynamik an vertrauten Systemen der Mechanik und Elektrizitätslehre, bevor die Besonderheiten des Phänomens der Wärme besprochen, und dann an zahlreichen Modellsystemen illustriert werden. Die Entropie wird von Anfang an in den Mittelpunkt der Beschreibung von thermischen Phänomenen gestellt und durch ihre konsequente Benutzung anhand von vielen Beispielen sowie vertrauten Alltagserscheinungen veranschaulicht.

2. Record Nr.	UNINA9910960453303321
Autore	Fox-Amato Matthew
Titolo	Exposing Slavery: Photography, Human Bondage, and the Birth of Modern Visual Politics in America
Pubbl/distr/stampa	Oxford University Press, 2019 New York, NY : , : Oxford University Press, , [2019] ©2019
ISBN	9780190663940 0-19-066394-4
Descrizione fisica	1 online resource (xii, 343 p.) : ill
Disciplina	306.36200222
Soggetti	Photography Portrait photography Enslaved persons
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Policing personhood -- Enduring images -- Realizing abolition -- Domesticating freedom -- The photographic legacy of American slavery.
Sommario/riassunto	"Within a few years of the invention of the first commercially successful photography process in 1839, American slaveholders had already begun commissioning photographic portraits of their slaves. Ex-slaves-turned-abolitionists such as Frederick Douglass also came to see how sitting for a portrait could help them project humanity and dignity amidst northern racism. In the first decade of the medium, enslaved people had begun entering southern daguerreotype saloons of their own volition, posing for cameras, and leaving with visual treasures they could keep in their pockets. And, as the Civil War raged, Union soldiers would orchestrate pictures with fugitive slaves that envisioned racial hierarchy as slavery fell. In these ways and others, photography powerfully influenced how bondage and freedom were documented, imagined, and contested. This book explores how photography altered, and was in turn shaped by, conflicts over bondage. Drawing upon an original source base that includes hundreds

of unpublished and little-studied photographs of slaves, ex-slaves, and abolitionists as well as written archival materials, it puts visual culture at the center of understanding the experience of late slavery. It assesses how photography helped southerners to defend slavery, slaves to shape their social ties, abolitionists to strengthen their movement, and soldiers to imagine and pictorially enact an interracial society during the Civil War. With diverse goals, these peoples transformed photography from a scientific curiosity into a political tool. While this project sheds new light on conflicts over late American slavery, it also reveals a key moment in the much broader historical relationship between modern visual culture and racialized forms of power and resistance" --

---