1. Record Nr. UNINA9910483013203321

Titolo	Human activity recognition challenge / / Md Atiqur Rahman Ahad, Paula Lago, Sozo Inoue, editors
Pubbl/distr/stampa	Gateway East, Singapore : , : Springer, , [2021] Â©2021
ISBN	981-15-8269-6
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (XIV, 126 p. 43 illus., 31 illus. in color.)
Collana	Smart Innovation, Systems and Technologies, , 2190-3018 ; ; 199
Disciplina	006.3
Soggetti	Human activity recognition
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1. Summary of the Cooking Activity Recognition Challenge -- Chapter 2. Activity Recognition from Skeleton and Acceleration Data Using CNN and GCN -- Chapter 3. Let’s not make it complicated - Using only LightGBM and Naive Bayes for macro and micro activity recognition from a small dataset -- Chapter 4. Deep Convolutional Bidirectional LSTM for Complex Activity Recognition with Missing Data -- Chapter 5. SCAR-Net: Scalable ConvNet for Activity Recognition with multi-modal Sensor Data -- Chapter 6. Multi-Sampling Classifiers for the Cooking Activity Recognition Challenge -- Chapter 7. Multi-class Multi-label Classification for Cooking Activity Recognition -- Chapter 8. Cooking Activity Recognition with Convolutional LSTM using Multi-label Loss Function and Majority Vote -- Chapter 9. Identification of Cooking Preparation Using Motion Capture Data: A Submission to the Cooking Activity Recognition Challenge -- Chapter 10. Cooking Activity Recognition with Varying Sampling Rates using Deep Convolutional GRU Framework. .
Sommario/riassunto	The book introduces some challenging methods and solutions to solve the human activity recognition challenge. This book highlights the challenge that will lead the researchers in academia and industry to move further related to human activity recognition and behavior analysis, concentrating on cooking challenge. Current activity recognition systems focus on recognizing either the complex label (macro-activity) or the small steps (micro-activities) but their combined

		recognition is critical for analysis like the challenge proposed in this book. It has 10 chapters from 13 institutes and 8 countries (Japan, USA, Switzerland, France, Slovenia, China, Bangladesh, and Columbia).

2.	Record Nr.	UNINA9911006703603321
	Autore	Schrodinger Erwin <1887-1961.>
	Titolo	Statistical Thermodynamics
	Pubbl/distr/stampa	Newburyport, : Dover Publications, 2013
	ISBN	9781523125173 1523125179 9780486318608 0486318605
	Edizione	[1st ed.]
	Descrizione fisica	1 online resource (145 p.)
	Collana	Dover Books on Physics
	Disciplina	536/.71
	Soggetti	Statistical thermodynamics Physics Physical Sciences & Mathematics Thermodynamics
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Description based upon print version of record.
	Nota di contenuto	Cover; Title Page; Copyright Page; Contents; Note; I. General introduction; II. The method of the most probable distribution; III. Discussion of the Nernst theorem; IV. Examples on the second section; (a) Free mass-point (ideal monatomic gas); (b) Planck's oscillator; (c) Fermi oscillator; V. Fluctuations; VI. The method of mean values; VII. The n-particle problem; VIII. Evaluation of the formulae. Limiting cases; The entropy constant; The failure of the classical theory. Gibbs's paradox; Digression: Annihilation of matter?; Gas-degeneration proper; Weak degeneration; Medium degeneration Strong degeneration(a) Strong Fermi-Dirac degeneration; (b) Strong Bose-Einstein degeneration; IX. The problem of radiation; Appendix
	Sommario/riassunto	<DIV> <DIV>Nobel Laureate's brilliant attempt to develop a simple, unified standard method of dealing with all cases of statistical

thermodynamics - classical, quantum, Bose-Einstein, Fermi-Dirac, and more.The work also includes discussions of Nernst theorem, Planck's oscillator, fluctuations, the <I>n</I>-particle problem, problem of radiation, much more.</DIV></DIV>