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Soggetti	Machine learning Natural Language Processing (NLP)
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Fundamental Theory and Methods of Computational Linguistics -- A Joint Model for Graph-based Chinese Dependency Parsing -- Semantic-aware Chinese Zero Pronoun Resolution with Pre-trained Semantic Dependency Parser -- Improving Sentence Classification by Multilingual Data Augmentation and Consensus Learning -- Information Retrieval, Dialogue and Question Answering -- Attention-Based Graph Neural Network with Global Context Awareness for Document Understanding -- Combining Impression Feature Representation for Multi-turn Conversational Question Answering -- Text Generation and Summarization -- Chinese Long and Short Form Choice Exploiting Neural Network Language Modeling Approaches -- Refining Data for Text Generation -- Plan-CVAE: A Planning-based Conditional Variational Autoencoder for Story Generation -- Knowledge Graph and Information Extraction -- Towards Causal Explanation Detection with Pyramid Salient-Aware Network -- Named Entity Recognition with Context-Aware Dictionary Knowledge -- Chinese Named Entity Recognition via Adaptive Multi-pass Memory Network with Hierarchical Tagging Mechanism -- A Practice of Tourism Knowledge Graph Construction based on Heterogeneous Information -- A Novel Joint Framework for Multiple Chinese Events Extraction -- Entity Relative Position Representation based Multi-head Selection for Joint Entity and

Relation Extraction -- Machine Translation and Multilingual Information Processing -- A Mixed Learning Objective for Neural Machine Translation -- Multi-Reward based Reinforcement Learning for Neural Machine Translation -- Minority Language Information Processing -- Low-Resource Text Classification via Cross-lingual Language Model Fine-tuning -- Constructing Uyghur Name Entity Recognition System using Neural Machine Translation Tag Projection -- Recognition Method of Important Words in Korean Text based on Reinforcement Learning -- Mongolian Questions Classification Based on Multi-Head Attention -- Language Resource and Evaluation -- The Annotation Scheme of English-Chinese Clause Alignment Corpus -- Categorizing Offensive Language in Social Networks: A Chinese Corpus, Systems and an Explainable Tool -- LiveQA: A Question Answering Dataset over Sports Live -- Chinese and English Elementary Discourse Units Recognition based on Bi-LSTM-CRF Model -- Social Computing and Sentiment Analysis -- Better Queries for Aspect-Category Sentiment Classification -- Multimodal Sentiment Analysis with Multi-perspective Fusion Network Focusing on Sense Attentive Language -- CAN-GRU: a Hierarchical Model for Emotion Recognition in Dialogue -- A Joint Model for Aspect-Category Sentiment Analysis with Shared Sentiment Prediction Layer -- NLP Applications -- Compress Polyphone Pronunciation Prediction Model with Shared Labels -- Multi-task Legal Judgement Prediction Combining a Subtask of Seriousness of Charge -- Clickbait Detection with Style-aware Title Modeling and Co-attention -- Knowledge-Enabled Diagnosis Assistant Based on Obstetric EMRs and Knowledge Graph -- Reusable Phrase Extraction Based on Syntactic Parsing -- WAE_RN: Integrating Wasserstein Autoencoder and Relational Network for Text Sequence.

Sommario/riassunto

This book constitutes the proceedings of the 19th China National Conference on Computational Linguistics, CCL 2020, held in Hainan, China, in October/November 2020. The 32 full and 2 short papers presented in this volume were carefully reviewed and selected from 99 submissions. They were organized in topical sections named: fundamental theory and methods of computational linguistics; information retrieval, dialogue and question answering; text generation and summarization; knowledge graph and information extraction; machine translation and multilingual information processing; minority language information processing; language resource and evaluation; social computing and sentiment analysis; and NLP applications.
