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from the Generative Query Network -- Active Learning-based Data Collection in Crowd Replication -- Mining in Discharge Summaries -- Identifying Snowfall Clouds at Syowa Station, Antarctica via a Convolutional Neural Network -- Transfer Learning based Data Collection Method for Dialogue Response Generation concerning Causality -- Impact of Domain Knowledge's Quality on Inverse Reinforcement Learning -- Intrinsically Motivated Lifelong Exploration in Reinforcement Learning -- A Preliminary Analysis of Oensive Language Detection Transferability from Social Media to Video Live Streaming Platforms -- BERT-based Dialogue Evaluation Methods with RUBER Framework -- The Morandi Room Entering the World of Morandi's Paintings through Machine Learning.

| Sommario/riassunto | This book contains expanded versions of research papers presented at the international sessions of Annual Conference of the Japanese Society for Artificial Intelligence (JSAI), which was held online in June 2020. The JSAI annual conferences are considered key events for our organization, and the international sessions held at these conferences play a key role for the society in its efforts to share Japan's research on artificial intelligence with other countries. In recent years, AI research has proved of great interest to business people. The event draws both more and more presenters and attendees every year, including people of diverse backgrounds such as law and the social sciences, in additional to artificial intelligence. We are extremely pleased to publish this collection of papers as the research results of our international sessions. |