Abstract
The proceedings contain 48 papers. The topics discussed include: exploration on the construction of smart classrooms in vocational colleges; an experimental teaching platform for machine vision-based real-time detection taking quality inspection of paper cups as instance; data-driven student performance modeling in distance learning time: COVID-19 era; a novel link prediction approach for MOOC forum thread recommendation using personalized pagerank and machine learning; quality assessment of machine translation from translation criticism perspective—a case study of Chinese translation of a speech by neural machine translator DeepL; characteristics analysis of subject knowledge networks of textbooks based on complex networks — taking high school information technology subject textbooks as an example; and research on interactive live teaching model design based on virtual learning community.