

Optical Music Recognition Workflow for Neume Notation and its Encoding & The Art of Teaching Computers

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A large-scale workflow for processing neume music notation is described, where the images of music manuscripts are converted into a computer-readable format using optical music recognition (OMR) technologies. The history of OMR research is also presented, along with our experience in learning to teach computers to read music. This work is part of the Single Interface for Music Score Searching and Analysis (SIMSSA) project, which is creating an infrastructure for a musical data discovery system.

Keywords: optical music recognition, machine learning, machine pedagogy, medieval music, MEI.

