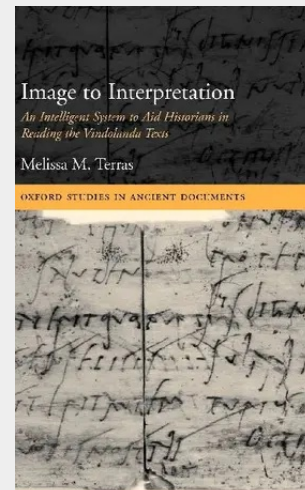


Image to Interpretation

An Intelligent System to Aid Historians in Reading the Vindolanda Texts

The ink and stylus tablets discovered at the Roman fort of Vindolanda are a unique resource for scholars of ancient history. However, the stylus tablets in particular are extremely difficult to read. This book details the development of what appears to be the first system constructed to aid experts in the process of reading an ancient document, exploring the extent to which techniques from Artificial Intelligence can be used to develop a system that could aid historians in reading the stylus texts. Image to Interpretation includes a model of how experts read ancient texts, a corpora of letter forms from the Vindolanda text corpus, and a detailed description of the architecture of the system. It will be of interest to papyrologists, researchers in Roman history and palaeography, computer and engineering scientists working in the field of Artificial Intelligence and image processing, and those interested in the use of computing in the humanities.

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