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of ancient map contents using trees of connected components -- Extracting the February 1956 Ground Level Enhancement Event From Legacy Cosmic Ray Recordings -- Engineering Drawing Challenge II -- Discussion Group Summary: Optical Music Recognition -- Discussion Group Summary: Graphics Syntax in the Deep Learning Age -- Two Decades of GREC Workshop Series. Conclusions of GREC2017.

Sommario/riassunto	This book constitutes the thoroughly refereed post-conference proceedings of the 12th International Workshop on Graphics Recognition, GREC 2017, held in Kyoto, Japan, in November 2017. The 10 revised full papers presented were carefully reviewed and selected from 14 initial submissions. They contain both classical and emerging topics of graphics rcognition, namely analysis and detection of diagrams, search and classification, optical music recognition, interpretation of engineering drawings and maps.