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Pattern Recognition and Signal Processing in Archaeometry: Mathematical and Computational Solutions for Archaeology

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Pattern Recognition and Signal Processing in Archaeometry

Mathematical and Computational Solutions for Archaeology



Constantin Papaodysses

ISBN: 9781609607869; © 2012; 330 pp. Print: US \$195.00 | Perpetual: US \$295.00 | Print + Perpetual: US \$390.00 Constantin Papaodysseus (National Technical University of Athens, Greece)

Computer science—especially pattern recognition, signal processing and mathematical algorithms—can offer important information about archaeological finds, information that is otherwise undetectable by the human senses and traditional archaeological approaches.

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Constantin Papaodysseus received the Diploma degree in electrical and computer engineering from the National Technical University of Athens (NTUA) and the MSc degree from Manchester University, United Kingdom. He received the PhD degree in computer engineering from NTUA. From 1996-2000, he was an assistant professor at NTUA in the Department of Electrical and Computer Engineering. Since 2001, he has been an associate professor in the same department at NTUA. His research interests include image processing, pattern recognition, biomedical engineering, music and sound processing and automatic recognition, applications of computer science to archaeology, applied mathematics, algorithm robustness and quantization error analysis, adaptive algorithms, etc. He has more than 50 publications in international journals on these subjects.



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