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Sommario/riassunto

This volume constitutes the refereed proceedings of the 17th
 International Workshop on Combinatorial Image Analysis, IW CIA 2015,
 held in Kolkata, India, in November 2015. The 24 revised full papers
 and 2 invited papers presented were carefully reviewed and selected
 from numerous submissions. The workshop provides theoretical
 foundations and methods for solving problems from various areas of
 human practice. In contrast to traditional approaches to image analysis
 which implement continuous models, float arithmetic and rounding,
 combinatorial image analysis features discrete models using integer
 arithmetic. The developed algorithms are based on studying
 combinatorial properties of classes of digital images, and often appear
 to be more efficient and accurate than those based on continuous
 models.
