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IFIP Advances in Information and Communication Technology • Volume 611 IFIPAICT, Pages 125 - 131 • 2021 • 4th IFIP TC 12 International Conference on Computational Intelligence in Data Science, ICCIDS 2021 • Virtual, Online • 18 March 2021 through 20 March 2021 • Code 269869

Document type

Conference Paper

Source type

Book Series

ISSN

18684238

ISBN

978-303092599-4

DOI

10.1007/978-3-030-92600-7_12

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Automatic Detection of Buildings Using High Resolution Images for Medium Density Regions

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Abstract

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Abstract

As the construction material of the building is different hence building detection is critical task from the HRI. The image qualities, resolution, weather type of image sensor are important factors to produce accuracy. Building detection in dense urban areas having problems due to factors like shape, size, color and texture, and image sensor. For the find, the building has to consider the characters of the building like contrast, shape, and the building allocation in high, low, and medium density. In the present study, the mathematical morphological operation is used for the separation of the building. The building is indicated with a boundary. © 2021, IFIP International Federation for Information Processing.

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