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528.854:528.71

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The article presents the results of an analysis of existing approaches to object recognition development on aerospace images of high spatial resolution and review basic geometric shapes of building roofs. Geometrical, structural and photometric characteristics that are used to detect buildings.

Keywords: *building, image, information technology, recognition, geometrical form.*

. 1)

[1-3].



.1.

[4]

.2



S1



S2



S3



S4



S5



S6

.2.

[5]

[6]

53%

[7]



)

)

.3.

(.1),

(.1).

(.4).

(Flat roof)

5%,

(Lean-to roof, .4)

(Gable Roof, .4)

(Mansard Roof, .4),

.4).

(.4)

(Hip Roof,

(.4).

[7].

(Tent Roof, .4)

(.4)

(.4)

(.4)

(.4)

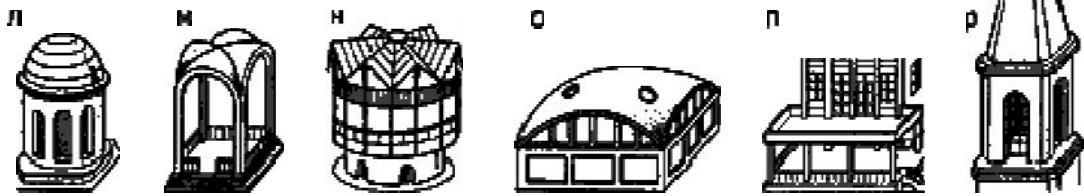
4)

(.4)

(.4)

(.4)

(.4)



.4.

(0,2)

()

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