Correction to: Foreground segmentation with PTZ camera: a survey

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The original publication of this article contains the following errors.

1. First line of Abstract, a character ‘b’ was incorrectly added.
2. An “e” was missing in the word ‘fficient’ found in the 1st line of Inference/Future Work/Improvements (8th row of 13th column) of Table 5.
3. Section 2, 1st line of second paragraph, a full stop was incorrectly added.
4. ‘Component based’ in Section 2.2.1, 4th paragraph, 4th line should be corrected to ‘component-based’.
5. Comma in between ‘self-calibration’ and ‘based’ in Section 2.2.1, 5th paragraph, 6th line should be removed.
6. Section 2.4, 1st paragraph in the 6th line Gaussian models [25, 46, 79, 97, 154, 160, and] should be ‘Gaussian models [25, 46, 79, 97, 154, 160]’.
7. Section 2.4, 1st paragraph in the 7th line density estimation models [56, 62, 79, 81, and] should be ‘density estimation models [56, 62, 79, 81]’,.

The online version of the original article can be found at <https://doi.org/10.1007/s11042-018-6104-4>

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8. Section 2.6, 1st line of the 2nd paragraph, a comma was incorrectly added after ref. 89.
9. Section 2.6, 2nd paragraph of 5th line ‘Spatially Cohere Self-Organizing Background Subtraction (SC-SOBS)’ should be ‘Spatial Coherence Self-Organizing Background Subtraction (SC-SOBS)’.
10. Section 2.6, 4th line of the 1st paragraph, a comma was incorrectly added after ref. 89.
11. Section 2.6, 6th line of the 2nd paragraph, references 90 and 91 were missing in this line.
12. All occurrences of ‘feature based’ in the text and tables should be corrected to ‘feature-based’.
13. All occurrences of ‘camera based’ in Tables 1 - 11, should be corrected to ‘camera-based’.
14. All occurrences of “Proposed Technique” in Tables 2 - 11 heading should be changed to “Proposed Techniques”.
15. In Table 3, 5th row, 11th column of feature used, 2nd line “feataure” has to be changed as ‘feature’.
16. Extra bracket before ‘Y’ in Table 3 in headings of year row should be removed.
17. Table 3, small ‘f’ of SIFF features has to be replaced with ‘T’.
18. Ref [131] in Table 3, first row (year 2014) has to be replaced with [130].
19. Ref [94] in Table 3, second row (year 2006) has to be replaced with [93].
20. Ref [125] in Table 3, third row (year 2012) has to be replaced with [124].
21. Ref [153] in Table 3, fifth row (year 2006) has to be replaced with [150].
22. Ref [134] in Table 3, sixth row (year 2011) has to be replaced with [132].
23. Ref [102] in Table 3, seventh row (year 2008) has to be replaced with [101].
24. Ref [107] in the second page of Table 3, second row (year 2014) has to be replaced with [106].
25. Ref [165] in the second page of Table 3, third row (year 2012) has to be replaced with [162].
26. Ref [162] in the second page of Table 3, fifth row (year 2010) has to be replaced with [159].
27. Ref [154] in the second page of Table 3, sixth row (year 2010) has to be replaced with [151].
28. Ref [154] in the third page of Table 3, third row (year 2011) has to be replaced with [154].
29. Ref [97] in the third page of Table 3, fifth row (year 2000) has to be replaced with [96].
30. Ref [110] in the fourth page of Table 3, first row (year 2003) has to be replaced with [109].
31. Ref [167] in the fifth page of Table 3, second row (year 2010) has to be replaced with [164].
32. Ref [155] in the fifth page of Table 3, third row (year 2010) has to be replaced with [152].
33. Ref [168] in the fifth page of Table 3, fourth row (year 2006) has to be replaced with [165].
34. Ref [124] in the sixth page of Table 3, first row (year 2006) has to be replaced with [123].
35. Ref [86] in the sixth page of Table 3, second row (year 2015) has to be replaced with [85].
36. Ref [93] in the seventh page of Table 3, second row (year 2014) has to be replaced with [92].
37. Ref [148] in the seventh page of Table 3, fourth row (year 2013) has to be replaced with [145].
38. Ref [138] in the eight page of Table 3, first row (year 2017) has to be replaced with [136].
39. Ref [117] in the eight page of Table 3, second row (year 2017) has to be replaced with [116].

40. ‘Spatiotemporal’ in the third page of Table 3 (year 2010) 6th row, 15th column should be ‘Spatio temporal’.
41. Table 3, fifth row, 11th column of feature used, second line, “feataure” has to be changed as ‘feature’.
42. ‘Spatiotemporal’ in Table 9, Year (2010) of 1st row of 13th column should be ‘Spatio temporal’.
43. Table 10, second row, the year 2014 has to be replaced with 2015.
44. Table 12, second column, the heading “Description” should be changed to “Descriptions”.
45. Table 12, second page, sixth row of column ‘c’, “Neural networks” has to be replaced with “Recent methods”.
46. Table 12, second page, seventh row of column ‘c’, “Recent Methods” has to be replaced with “Feature-based methods”.
47. Table 12, second page, eighth row of column ‘c’, “Neural networks” has to be replaced with “Recent methods”.
48. Table 12, second page, 11th row of column ‘c’, “Neural networks” has to be replaced with “Recent methods”.
49. Table 12, in ‘d’ column, insert ‘Modified’ before ‘Codebook’. It should be ‘Modified Codebook’.
50. Table 12, fourth row of column ‘d’, “Statistical Models” should be corrected to “Statistical Methods”.
51. Table 12, eight row of column ‘d’, “Estimation models” should be corrected to “Estimation methods”.
52. Table 12, “Statistical methods” was inserted in the fifth row of column ‘c’.
53. Table 12, “Feature-based methods” was inserted in the sixth row of column ‘c’.
54. Table 12, 18th row of column ‘d’, “Calibration” has to be replaced with “Panoramic mosaics”.
55. Table 12, 19th row of column ‘d’, “CNN” has to be replaced with “Deep Learning CNN”.
56. Table 12, 28th row of column ‘d’, “Advanced statistical models:” has to be replaced with “Advanced statistical methods:”.
57. Table 12, the image of 6th row of column ‘b’, the sub panel labels has to be removed.
58. Table 12, 35th row of column ‘d’, “Recent Methods: CNN” has to be replaced with “Recent Methods: Deep Learning CNN”.
59. Table 12, second page, second row of column ‘d’, “Feature” has to be replaced with “Feature to feature Correspondence methods”.
60. Table 12, second page, fourth row of column ‘d’, “Mosaic [121, 67]” has to be replaced with “Mosaicing [9], Panoramic mosaics [165]”.
61. Table 12, second page, sixth row of column ‘d’, “Master-slave camers system [84]” has to be replaced with “Master-helper-slave camera system [64]”.
62. Table 12, second page, seventh row of column ‘d’, “Novel hierarchical camera self-calibration [3]” has to be replaced with “Hierarchical auto-calibration [3]”.
63. Table 12, second page, 10th row of column ‘d’, “CNN” has to be replaced with “Deep Learning-Convolutional neural networks (CNN)”.
64. Table 12, second page, 11th row of column ‘d’, “Features [9, 165]” has to be replaced with “Mosaicing [9]”.
65. Table 12, second page, 12th row of column ‘d’, “Mosaic [9, 165]” has to be replaced with “Panoramic mosaics [165]”.
66. “Types of Application” in Table 13 heading should be “Types of Applications”.

67. Table 13, third row of column ‘e’, “Estimation models” should be corrected to “Estimation methods”.
68. Table 13, sixth row of column ‘f’, “Collaborative Tracking of Objects in EPTZ Cameras” should be corrected to “MOG”.
69. Table 13, 11th row of column ‘f’, “Panorama reconstruction” should be corrected to “Panoramic mosaics”.
70. Table 14, 4th and 5th row under “Description” column should be merged.
71. Table 14, in Available PTZ datasets, 3rd column ‘Highllights’ should be ‘Highlights’.
72. Table 14 heading, “Sample Frame” should be “Sample Frames”.
73. Table 14 heading, “Description” should be “Descriptions”.
74. Duplicate reference citations of [148] in Table 15 has to be removed.
75. “PTZ CDnet Dataset” first column heading of Table 16 should be “PTZ CDnet Datasets”.
76. “Method” second column heading of Table 16 should be “Methods”.
77. In Table 16, in 2nd column (method) of ‘Mahalanobis distance’ to be merged up to the first column (PTZ CDnet Dataset) of row up to continuous pan.
78. In Table 16, in 2nd column (method) of ‘FTSG (Flux Tensor with Split Gaussian models))’ extra parenthesis should be removed.
79. Table 16, an extra row was incorrectly added under “SuBSENSE” of Method column.
80. Table 17, column 9 under the heading “FPR (False Positive Rate):”, the ref. [86] has to be replaced with [115].
81. In reference [79], year of publication (2015) should be added.
82. In reference [129], year of publication should be changed to (2015).
83. In reference [160], year of publication (2013) should be added.
84. “Submitted to” should be removed from refs. 2, 17, 18, 19, 20, 115 and 148.
85. “Accepted for” should be removed from ref. 40.

The original article has been corrected.

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