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Erratum: Ville V. Lehtola, et al. Radial Distortion from Epipolar Constraint for Rectilinear Cameras

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Erratum


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Due to a mistake during the production process, the J. Imaging Editorial Office and the authors wish to make this correction to the paper written by Lehtola et al. [1]. Extra % symbols were accidentally added. In Table 2 [1], the numbers in 7th column (EPOS $\eta$) should be $-0.0052 \pm 5\%$, $-0.0071 \pm 15\%$, $-0.0071 \pm 10\%$, and $-0.0050 \pm 4\%$.

Table 2. EPOS results with real data using a confidence value of 0.99 are compared against the state-of-the-art VisualSFM (VSFM) software.

<table>
<thead>
<tr>
<th>Data Set</th>
<th># Images</th>
<th>VSFM #</th>
<th>VSFM $f$</th>
<th>Reference $f$</th>
<th>Ref. $\eta$</th>
<th>EPOS $\eta$</th>
<th>VSFM $\eta$</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dipoli</td>
<td>10</td>
<td>10</td>
<td>372.2</td>
<td>361.5</td>
<td>$-0.0068$</td>
<td>$-0.0052 \pm 5%$</td>
<td>$(-0.0048)$</td>
</tr>
<tr>
<td>Sofa</td>
<td>9</td>
<td>2</td>
<td>354.6</td>
<td>361.5</td>
<td>$-0.0068$</td>
<td>$-0.0071 \pm 15%$</td>
<td>N/A</td>
</tr>
<tr>
<td>Combined</td>
<td>3 + 3</td>
<td>3</td>
<td>602.0</td>
<td>361.5</td>
<td>$-0.0068$</td>
<td>$-0.0071 \pm 10%$</td>
<td>N/A</td>
</tr>
<tr>
<td>Bookshelf</td>
<td>5</td>
<td>5</td>
<td>803.6</td>
<td>821.7</td>
<td>$-0.0072$</td>
<td>$-0.0050 \pm 4%$</td>
<td>$(-0.00039)$</td>
</tr>
</tbody>
</table>

And in the following paragraph, $\eta = -0.0052\% \pm 5\%$ should be $\eta = -0.0052 \pm 5\%$.

The change does not affect the scientific results. We apologize for any inconvenience caused to the readers by this production mistake. The manuscript will be updated and the original will remain online on the article webpage.

Reference

1. Lehtola, V.V.; Kurkela, M.; Rönnholm, P. Radial Distortion from Epipolar Constraint for Rectilinear Cameras. J. Imaging 2017, 3, 8. [CrossRef]