

Errata of *An Invitation to 3-D Vision*

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Typos are listed below in the order in which they appear in the book. If you find additional typos in the book, please report to “yima@uiuc.edu,” and your help will be greatly appreciated. We hope that these typos will be corrected in the paper edition.

Page 130, in Figure 5.8, the black defects in the figure should not be there.

Page 130, in Figure 5.9, “ \underline{x}_1 ” on the right hand side of the figure should be “ \underline{x}_2 ” that represents the second image of the point p .

Page 337, in the first paragraph, “Although constraints ...” should be “Constraints ...”

Page 347, in the last sentence of the first paragraph, the definition of $H_0 = R_0 + \frac{1}{d}T_0N^T$ should be replaced as $H_0 \doteq [R_0(1), R_0(2), T_0]$ where $R_0(1), R_0(2)$ are the first two columns of R_0 .

Page 348, in the sentence above equation (10.13), similar to the previous typo, the matrix $H_0 = R_0 + \frac{1}{d}T_0N^T$ should be replaced as $H_0 \doteq [R_0(1), R_0(2), T_0]$ where $R_0(1), R_0(2)$ are the first two columns of R_0 .

Page 354, in the second paragraph, “..., we assume that R is of the form $\underline{R} = e^{j\tilde{\omega}\theta}$...” should be “ $\underline{R} = e^{\tilde{\omega}\theta}$,” without the imaginary unit j in the exponent.

Page 355, line 6 from the end: “and \underline{T} as the x -axis.” A prime is missing on T and it should be “and \underline{T}' as the x -axis.”

Page 367, in the table 10.2, the matrix $H_0 : R_0 + \frac{1}{d}T_0N^T$ should be replaced by the matrix $H_0 : [R_0(1), R_0(2), T_0]$.

Page 369, in Exercise 10.8, subproblem 1, “..., i.e. $\underline{R}' = e^{j\tilde{\omega}}$, ...” should be “ $\underline{R}' = e^{\tilde{\omega}}$,” again without the imaginary unit j in the exponent.