# Book Chapter Review

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Overall, I don't see any "mistake" at all. The corrections in the following are just on some minor issues, such as adding "," in such a way that makes the reading easier, some changes of the index, and some undefined variables, etc. Please see the details below.

1. Line 80-81: information about **the** detection and movement

2. I think $*$ in the equations can be replaced by $\times$ or $\cdot$. This happens in Line 228, 689, 690, 832

3. Line 337: where $y_{ijk}$'s are ...

4. Line 338: "," after the equation

5. Line 339: in equation of $\Lambda_j$, parentheses of $\lambda_{ij}$ can be omitted.

6. Line 354: should $\mathbf{y}_{ujk}$ be $\mathbf{y}_{jk}$ since it is a $M - m$ vector?

7. Line 482: Is $y_{ij}$ a typo? Or $y_{ij} = \sum_k y_{ijk}$? Or it's $y_{ijk}$ for a fixed $k$?

8. Line 489: number $\rightarrow$ numbers

9. Line 491: number $\rightarrow$ numbers

10. Line 609: throughout **state**-space

11. Line 636: "," before "where $m$"

12. Line 663-664: As expected, the more marked ..., the better parameter estimates ... get.

13. Line 674: a → an

14. Line 687: $\mathbf{l}_{ri}$ instead of $\mathbf{l}_i$ since later $l_{irx}$ and $l_{iry}$ are used

15. Line 730: $\sum_{i=1}^{m} R_i$

16. Line 734: space before "off1"

17. Line 759: "," before 2007 and 2008

18. Line 760: "," after "During this period"

19. Line 824: "," after the equation

20. Line 845: overlap → overlapped

21. Line 891-892: In example 1, this could mean that marked ...

22. Line 904: $\mathbf{s}$ stands for activity center? undefined in this section.