A Complete Introduction To Abstract Algebra

Errata

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Despite my best efforts, some errors have unfortunately been made in *A Complete Introduction To Abstract Algebra*. This document lists the errors that have been made, and their corrections.

In the 1ˢᵗ Edition (Post 1) [and Before]

Major Errors

None found.

Minor Errors

None found.

Typos

- There is a minor grammatical error in the proof of lemma 9.4.3, where the phrase "second bullet point <u>is</u> proven by" should have been "second bullet point <u>was</u> proven by".

- There is a minor grammatical error in the proof of lemma 9.4.3, where the phrase "H and K <u>has</u> a common subgroup" to "H and K <u>have</u> a common subgroup".

- In the list of frequently used notation,
    - "<u>Stabilzer</u> of x by G" should have been "<u>Stabil*i*zer</u> of x by G"; and
    - "Principal ideal <u>generate*e*d</u> by" should have been "Principal ideal <u>generated</u> by".

In the 1st Edition [and Before]

Major Errors

None found.

Minor Errors

- In example 5.1.5, I missed out a few elements in the set R. The full set should be

$$R = \{(3,3), (3,5), (3,7), (4,4), (4,6), (5,3), (5,5),$$
$$(5,7), (6,4), (6,6), (7,3), (7,5), (7,7)\}.$$

Typos

- There is a small typo in the answer of exercise 1.1(f). The non-italicised "S" should be italicised (as it is the name of a set).

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END OF ERRATA

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