

Errata

Abstract Algebra: A Student-Friendly Approach

January 8, 2021

If you find additional errors, please sent them to dosreist@newpaltz.edu. Thanks.

Page *xi*

Change $\{0, \dots, n-1\}$ to $\{1, \dots, n-1\}$

Page *xii*

“set” should be bold and italicized.

Frame 45

Append to second sentence, “A.”

Frame 115, third line from bottom

Change “antecedent logically follows” to “consequent logically follows”.

Frame 189

Change “hat” to “that”.

Frame 209

On answer, append “(i.e., a function that maps different elements of A to different elements of B).”

Page 92, answer 2.

Change “ $i + j = 5i + 5j$ ” to “ $x + y = 5i + 5j$ ”.

Frame 150, last line and frame 547

Change “ $b = ak$ ” to “ $b = ak$ (or equivalently, $b = ka$)”

Frame 895, second paragraph

Change “ $g^{4q}g^r = (g^4)^qg^{4r}$ ” to “ $g^{4q}g^r = (g^4)^qg^r$ ”

Frame 954,

$\{e, fr\}$ and $\{e, fr^2\}$ are also subgroups of D_3 .

Frame 1015

Change “ $(6 + 2\mathbb{Z})$ ” to “ $(6 + 3\mathbb{Z})$ ”

Frame 1046, third line from bottom of frame

Change “out” to “our”

Frame 1226

Change “ $(2, 2)$ ” to “ $(0, 2)$ ”

Frame 1227

Change first 2 to 0

Frame 1289 fourth line

Change second occurrence of “ $a + b \in I_1$ ” to “ $a + b \in I_2$ ”