

Errata in Copi, Cohen & Flage
Essentials of Logic, Second Edition

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These are all the misprints I know of so far. If you have spotted any others please let me know.

Harmless typos are in small type.

- p. 108 Second diagram down on the right, ' $SP \neq 0$ ' should read ' $S\bar{P} \neq 0$ '; Third diagram down on the right, ' $\bar{S}\bar{P} = 0$ ' should read ' $SP = 0$ '.
- p. 109 The captions to the diagrams should read '**I**: Some P are S ' and '**O**: Some P are not S ', not '**I**: Some S are P ' and '**O**: Some S are not P '.
- p. 119 Fourth line down: 'blue arrows' should read 'green arrows'.
- p. 120 First diagram, top right-hand corner: '**True**' should read '**False**'.
- p. 145 Bottom left-hand diagram: the shading in the region $S\bar{P}M$ should match that in $\bar{S}PM$, not that in $S\bar{P}\bar{M}$.
- p. 146 Conclusion of first displayed argument should read ' \therefore No S are P ', not ' \therefore No S are M '.
- p. 146 Bottom left-hand diagram: the shading in the regions $SP\bar{M}$ and $\bar{S}P\bar{M}$ should match that in the top diagram, not that in $S\bar{P}M$, and SPM .
- p. 177 *Tractaus* should read *Tractatus*.
- p. 182 Bottom line: '**AA-1**' should read '**AAA-1**'.
- p. 252 In Exercise 19, ' $8. A \supset (D \supset E)$ ' should read ' $8. A \supset (D \equiv E)$ '.
- p. 258 Bottom line: "Either Alejandro won the election and Dmitri lost, or Alejandro won the election and Lucia lost" should read "Alejandro won the election or Dmitri lost, and Alejandro won the election or Lucia lost".

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p. 263 Exercise **26** is invalid. Correct to either

$$\begin{aligned} & (\sim A \bullet \sim B) \supset \sim C \\ & \quad \sim C \supset D \\ \therefore & \sim (A \vee B) \supset D \end{aligned}$$

or

$$\begin{aligned} & (\sim A \vee \sim B) \supset \sim C \\ & \quad \sim C \supset D \\ \therefore & \sim (A \bullet B) \supset D. \end{aligned}$$

p. 268 Upper right derivation: In line 8, '6 Com.' should read '7 Com.'

p. 270 Derivation at foot of page: '5. $r \bullet p$ ' should read '5. $r \bullet q$ '

p. 286 There are two line 3s in the derivation. Should read

$$\begin{array}{ll} 1. & p \supset q \\ 2. & q \supset r \\ 3. & p \\ & \therefore r \\ | & 4. \sim r \quad \text{A.I.P.} \\ | & 5. \sim q \quad 2,4 \text{ M.T.} \\ | & 6. \sim p \quad 1,5 \text{ M.T.} \\ | & 7. p \bullet \sim p \quad 3,6 \text{ Conj.} \\ 8. & r \quad 3-6 \text{ I.P.} \end{array}$$

p. 287 Lines 8 and 9 of the right hand derivation are mislabeled. Should read

$$\begin{array}{ll} | & 8. \sim q \vee \sim r \quad 7 \text{ Com.} \\ | & 9. \sim (q \bullet r) \quad 8 \text{ DeM.} \end{array}$$

p. 297 The second Greek letter is not upper case: ψ should be Ψ .

p. 409 Solution to Exercise **9** is incorrect. Should read

p	q	r	s	$p \bullet [(q \vee r) \supset s]$	$\sim s \vee \sim p$	$\sim q$	\bullet	$\sim r$
T	T	T	T		F	F	F	F
T	T	T	F	F	T	F	F	F
T	T	F	T		F	F	F	T
T	T	F	F	F	T	F	F	T
T	F	T	T		F	F	T	F
T	F	T	F	F	T	F	F	F
T	F	F	T			T	T	T
T	F	F	F			T	T	T
F	T	T	T	F	T	T	F	F
F	T	T	F	F	T	T	F	F
F	T	F	T	F	T	T	F	T
F	T	F	F	F	T	T	F	T
F	F	T	T	F	T	T	T	F
F	F	T	F	F	T	T	T	F
F	F	F	T			T	T	T
F	F	F	F			T	T	T

Valid

p. 411 In the solution to Exercise 19, ‘8. $A \supset (D \supset E)$ ’ should read ‘8. $A \supset (D \equiv E)$ ’.