Errata for Philosophical Logic: A Contemporary Introduction

p. 6 n. 3

F.B Fitch should be F.B. Fitch

p. 20 Figure 1.1 caption line 3

Hxy should be Cxy

p. 51 Exercise 2.3

In exercise 3,

$$\exists x (\exists y Azy \land \forall x ((z=x \lor Azx) \supset \forall y (Axy \equiv ((z=y \lor Azy) \land y \neq x))))$$
 (a) should be

$$\exists z (\exists y Azy \land \forall x ((z=x \lor Azx) \supset \forall y (Axy \equiv ((z=y \lor Azy) \land y \neq x)))) \quad (a)$$

p. 54 Table 2.1 lines 4-5 from bottom

'either there are some things that $_V$ are such that ' $\smallfrown {\rm Tr}(\psi) \smallfrown$ ' or ' $\smallfrown \psi^\dagger$ should be

 $\text{ `either there are some things that'}_{\mathcal{V}} \text{ are such that'} \\ \neg \text{Tr}(\psi) \\ \neg \text{` or'} \\ \neg \text{Tr}(\psi^\dagger)$

p. 55 (2.4)

$$X \sim Y \equiv_{def} \exists R(\forall x (Xx \supset \exists y (Yy \land Rxy \land \forall z ((Yz \land Rxz) \supset z=y))))$$

$$\land \forall y (Yy \supset \exists x (Xx \land Rxy)))$$

$$\stackrel{\text{each } Y \text{ is } Rd \text{ by an } X}{}$$

should be

$$X \sim Y \equiv_{def} \exists R(\forall x(Xx \supset \exists y(Yy \land Rxy \land \forall z((Yz \land Rxz) \supset z=y))))$$

$$\land \forall y(Yy \supset \exists x(Xx \land Rxy \land \forall z((Xz \land Rzy) \supset z=x))))$$
each Y is Rd by a unique X

p. 69, top of main text

(the *valuation* should be (the *valuation*)

p. 69, line 5 under Possible worlds

The "actual world" .@ should be The "actual world" @

p. 69 Fig. 3.1 caption

atomic formulas should be propositional constants

p. I 12 beginning of second line of main text after figure

$$\lceil p \to q \rceil$$
 should be $\lceil p \to \neg q \rceil$

p. 139 third line after example (22)

has that property so should be has that property, so

p. 147 tonk Elim rule

p. 172 last line before the quote from Parry

 ψ follows from ϕ only if all of the propositional constants in ϕ are in ψ should be

 ϕ entails ψ only if all of the propositional constants in ψ are in ϕ

p. 178 De Morgan's Laws

Second
$$\neg(\phi \lor \psi) \iff \neg\phi \land \neg\psi$$
 should be $\neg(\phi \land \psi) \iff \neg\phi \lor \neg\psi$

p. 181 Exercise 7.3, 2

(3a) and (3b) should be (1b) and (2b) on p. 173

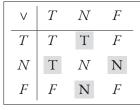
p. 195 Figure 8.1 Weak Kleene Tables

The table for 'V' has two incorrect entries (upper right and lower left):

V	T	N	F		٧	T	N	F
T	T	N	\overline{F}	should be	\overline{T}	T	N	\overline{T}
N	N	N	N	should be	N	N	N	N
F	F	N	F		F	T	N	F

p. 195 Figure 8.2 Strong Kleene Tables

The table for 'V' has two incorrect entries (upper right and lower left):



should be

	٧	T	N	F
-	Т	T	T	\overline{T}
	N	T	N	N
	F	T	N	F

p. 196 end of section 8.2.2

designating T yields $\Gamma_{\!a},$ and designating T and N yields $\Gamma_{\!b}$

should be

designating T yields \vDash_a , and designating T and N yields \vDash_b

p. 197 line 4 of main text

will have F antecedents and F consequents, and will therefore be F should be

will have ${\cal F}$ antecedents and ${\cal F}$ consequents, and will therefore be ${\cal T}$

p. 210 second-to-last line

$$(\lambda x(\phi x))'$$
 should be $(\lambda x \phi x)'$