

Errata and Clarifications for *Incomparable Values: Analysis, Axiomatics, and Applications*

Corrections in red are substantive

Please report additional issues to John Nolt (nolt@utk.edu)

Page	Location on page	Correction
5	Near end of section 1.2	Change “they are so vague as to preclude the truth or falsity of sentences that contain them” to “they are vague enough to lack truth value.”
27	7 th line of note 1	Change “stronger” to “related”
53	Center of page	Change “point of reflection point” to “point of reflection.”
69	T3.21	Change “ $x-y$ ” to “ $x - -y$ ”
70	5 th line of sec. 3.10	Change “latter” to “former”
101	Caption of Figure 5.3	Change “x twist” to “-x-twist,” signifying a twist in the negative-x direction.
125	1 st full paragraph after initial quote	Change “concepts” to “comparison relations”. For clarity’s sake, the same substitution should be made several places below on this page. (Thanks to Thomas Adajian for this correction.)
135-6	Middle of both pages	The labels 1, 2, 3, and 4, should be placed within parentheses
137	First line of last full paragraph	“equivalence (1) and (2)” should be “equivalence of (1) and (2)”
138	10 th line of section 6.6	“amount to” should be “yield a conception of”
141	3 lines from bottom	Change “groups” to “group”
142	3 rd line of section 7.3	Insert the word “in” after “welfare”
145	5 th line	“another” should not be italicized
158	Definition of strict Pareto superiority	The phrase “not worse” should be struck through, like this: not worse
164	Last sentence before T7.21	Replace with this sentence: “Thus we can ignore all individuals not in <i>pop(s)</i> and also those in <i>pop(s)</i> whose welfare is <i>o</i> .”
168	First two lines	Change the phrase “better than” (both occurrences) to “at least as good as”
170	11 th line from bottom	“ $t_{\{\alpha\}}$ ” should be “ $t_{\{\alpha\}}$ ”
182	Next to last line of 1 st full paragraph	Period following the word “zero” should be a question mark.
195	5 th line of 1 st full paragraph	The word “did” should be “didn’t”

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211	Last line of first paragraph	Change “proliferate” to “abound”
213	Equation just above middle of page	Add “, where $n = pop(s)$ ”. [val(s) is therefore the pair consisting of the total and average welfare values for $pop(s)$.]
221	T9.2	Omit space after negation sign
236	After proof of T9.17	There should be more space before the line that begins “In the special case $n = 1$ ” to indicate that the proof has ended.
254	In proof of T10.10	After the phrase “is a subset of V_0 that is not bounded above” insert the phrase “by any member of V_0 .”
259	First line after definition of Satis	Insert “the” before the word “background”. [The background is the entire Cartesian model; see p. 257.]
262-3	Last three paragraphs of the section	I argue here that for any two incomparable values, we can always find an adequacy standard that favors the one we like best. Generalizing, it can be shown that for <i>any</i> finite set of unexcelled and mutually incomparable values, there is an adequacy standard that classifies only the members of that set as adequate.
290	6 th line	Insert “for” after “formula”
295	Large quotation	“Keeny” should be “Keeney”
296	Line 5 of 1st full paragraph	“unreliable” should be “reliable”
296	Line 6 of 2 nd full paragraph	Insert comma after “them”
306	2 nd line before Definition 11.1	x_1, \dots, x_n should be $\langle x_1, \dots, x_n \rangle$
307	Near bottom	Change “but it is fairly obvious that none of these is c either. Here” to “and so it is not a full arithmetical model, but here”
338	End of 2 nd full paragraph	Add “(See T12.20.)”
348	4 th line following proof of T12.17	Change “their bounds” to “the bounds of finite ones”.
355	Immediately following the proof of T12.25	Omit the phrase “On that same assumption” and capitalize the following word “The”.
385	Last line before the listing of n -tuples	Omit plus sign before the numeral 8
416	Middle of 2 nd full paragraph	Replace the wording “1 is infinite relative to i —infinite, we may say” with “ $-i$ is infinitesimal relative to 1—infinitesimal, we may say”