Isabel M. A. FERREIRIM

ERRATA TO RML 34 A SHORT NOTE ON HOOPS AND CONTINUOUS t-NORMS

Published in *Reports on Mathematical Logic* **34** (2000), 141-152.

Page 149, lines 3-4, where it reads

Indeed if $\mathcal{BBCK}$ denotes the variety of all BCK-algebras satisfying (B) then

it should read

Indeed if $\mathcal{BBCK}$ denotes the variety of all HBCK-algebras satisfying (B) then

Page 149, lines -5 and -4, where it reads

if $\mathbf{A}$ is a product algebra then $A \setminus \{0\}$ is the universe of a cancellative hoop,

it should read

if $\mathbf{A}$ is a totally ordered product algebra then $A \setminus \{0\}$ is the universe of a cancellative hoop.

Page 150, Theorem 5.3 is not correct and it should be stated as follows:

Theorem 5.3 A. *The class $\mathcal{PH}$ of all product hoops consists exactly of all basic hoops satisfying*

(PH1) $z \to z^2 \leq (x \wedge (x \to z)) \to z$.

(PH2) $((x \to z) \to z)(xu \to xv)(zu \to zv) \leq u \to v$.

(PB) $(x \to y) \to y \leq ((y \to z) \to ((y \to x) \to x)) \to ((y \to x) \to x)$.

B. *The class $\mathcal{PBCK}$ of all product BCK-algebras consists exactly of all basic BCK-algebras satisfying*

(PB) $(x \to y) \to y \leq ((y \to z) \to ((y \to x) \to x)) \to ((y \to x) \to x)$.

The author wishes to thank Franco Montagna, who kindly pointed out the errors listed above.