



# Correction to: Blade Products and Angles Between Subspaces

André L. G. Mandolesi\*

## Correction to: Adv. Appl. Clifford Algebras (2021) 31:69

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Unfortunately, the symbol  $\lrcorner$ , for partial orthogonality, has been incorrectly replaced by  $\perp$ . The instances in which one should read  $\lrcorner$  instead of  $\perp$  are:

**page 5**, Definition 2.2, "... (we write  $V \lrcorner W$ )..."

**page 5**, Proposition 2.3 (i), " $V \lrcorner W \Leftrightarrow \dots$ "

**page 5**, Proposition 2.3 (ii), " $V \lrcorner W \Leftrightarrow \dots$ "

**page 5**, Proposition 2.3 (iii), "... then  $V \lrcorner W \Leftrightarrow W \lrcorner V$ ."

**page 5**, second line before Definition 2.4, "Note that  $\lrcorner$  is not..."

**page 5**, Definition 2.4 (i), "If  $[A] \lrcorner [B]$  we say ... and write  $A \lrcorner B$ ". Note that the  $\perp$  in Definition 2.4 (ii) is correct.

**page 6**, second line of Proposition 2.7, " $A \lrcorner B \Leftrightarrow A * B = 0$ ."

**page 7**, second line, " $\Theta_{V,W} = \frac{\pi}{2} \Leftrightarrow V \lrcorner W$ ."

**page 8**, second line before Proposition 2.13, "implies  $V \lrcorner W^\perp$ ."

**page 16**, fourth line before Proposition 3.26, "and  $V \not\lrcorner W$ , (2) gives ..."

**page 16**, second line before Proposition 3.26, " $V \lrcorner W$ , both ..."

**page 16**, third line after Definition 3.27, "... and if  $V \lrcorner W$  we can ..."

**page 24**, second line of Corollary 5.3, " $A \lrcorner B = 0 \Leftrightarrow A \lrcorner B$ ."

**page 29**, Corollary A.8, " $A \lrcorner B = 0 \Leftrightarrow A \lrcorner B$ ."

Also, reference [29] is missing some information. It should be:

[29] Mandolesi, A.L.G.: Projection factors and generalized real and complex Pythagorean theorems. Adv. Appl. Clifford Al. **30**, 43 (2020). <https://doi.org/10.1007/s00006-020-01070-y>

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\*Corresponding author.

André L. G. Mandolesi  
Instituto de Matemática e Estatística  
Universidade Federal da Bahia  
Av. Adhemar de Barros s/n  
Salvador BA40170-110  
Brazil  
e-mail: [andre.mandolesi@ufba.br](mailto:andre.mandolesi@ufba.br)