Erratum

to the paper "Tensor product of proper contractions, stable and posinormal operators", Publ. Math. Debrecen 71 (2007), 425–437

By CARLOS. S. KUBRUSLY

Two corrections are necessary although they do not affect the main theorems of the paper.

1. The weak stability part in Proposition 1(a) reads as follows. *If $A \widehat{\otimes} B$ is weakly stable then so is one of A or B.* This has not been proved (or disproved) yet — it remains as an open question.

2. The converse of Proposition 2(a) reads as follows. *If $\mathcal{M} \widehat{\otimes} \mathcal{N}$ is invariant (reducing) for $A \widehat{\otimes} B$, then $\mathcal{M}$ is invariant (reducing) for A and $\mathcal{N}$ is invariant (reducing) for B.* This is not correct. The correct statement is: *If $\mathcal{M} \widehat{\otimes} \mathcal{N}$ is invariant for $A \widehat{\otimes} B$, then $\mathcal{M}$ is invariant for A or $\mathcal{N}$ is invariant for B. If $\mathcal{M} \widehat{\otimes} \mathcal{N}$ is nonzero and invariant (reducing) for $A \widehat{\otimes} B$, and if A and B are injective, then $\mathcal{M}$ is invariant (reducing) for A and $\mathcal{N}$ is invariant (reducing) for B.*