Erratum

to the paper “Tensor product of proper contractions, stable and posinormal operators”,

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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 $A \hat{\otimes} B$ 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 $M \hat{\otimes} N$ is invariant (reducing) for $A \hat{\otimes} B$, then $M$ is invariant (reducing) for $A$ and $N$ is invariant (reducing) for $B$. This is not correct. The correct statement is: If $M \hat{\otimes} N$ is invariant for $A \hat{\otimes} B$, then $M$ is invariant for $A$ or $N$ is invariant for $B$. If $M \hat{\otimes} N$ is nonzero and invariant (reducing) for $A \hat{\otimes} B$, and if $A$ and $B$ are injective, then $M$ is invariant (reducing) for $A$ and $N$ is invariant (reducing) for $B$. 