

Erratum to "On stable range one matrices"

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1) In the formula given in **Theorem 5** (p. 3), that is

$$\det(Y)(\det(X) \det(A) - \operatorname{Tr}(XA) + 1) + \det(A)(\operatorname{Tr}(XY) + 1) - \operatorname{Tr}(A \operatorname{adj}(Y)),$$

obviously (otherwise the sum makes no sense) a paranthesis (in the second term of the sum) is missing !

It should be (this clearly follows from the proof)

$$\det(Y)(\det(X) \det(A) - \operatorname{Tr}(XA) + 1) + \det(A)(\operatorname{Tr}(XY) + 1) - \operatorname{Tr}(A \operatorname{adj}(Y)).$$

2) The SE entry of the unitizer Y (Remark 2, p. 7) should be slightly adjusted: $= \begin{bmatrix} 0 & 1 \\ -1 & -a + (1-b)v - (1+c)u - duv \end{bmatrix}$.

That is we add $v - u$ to the existing entry.