

There are minor errors in the published version of *Advantage of a quantum player over a classical one in 2×2 quantum games*. The second line of equation (3.6) should read:

$$\hat{M}_{01} = \hat{F}\hat{V} = \frac{i}{\sqrt{2}} \begin{pmatrix} 1 & 1 \\ 1 & -1 \end{pmatrix}$$

The last entry in the second line of table 1 should read (5,3,1,0) for the standard payoffs in Prisoners' Dilemma.