Nash Equilibria in Mixed Strategies Game Theory

Vincent Knight

$$(2,-2)$$
 $(-2,2)$ $(-1,1)$ $(1,-1)$

$$\begin{pmatrix} (2,-2) & (-2,2) \\ (-1,1) & (1,-1) \end{pmatrix}$$

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(2,-2) & (-2,2) \\
(-1,1) & (1,-1)
\end{pmatrix}$

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$$u_1(r_1, \sigma_2) = 2y - 2(1 - y) = 4y - 2$$

 $u_1(r_2, \sigma_2) = -y + (1 - y) = 1 - 2y$

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