

## Minor Games

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$$\det \begin{pmatrix} a & b \\ c & d \end{pmatrix} = \det(d) \det(a - bd^{-1}c)$$

Def A matrix  $M$  is  $w$ -adj if whenever  $|I|=|J|=k$ ,

$$w^{k-1} | M_{I,J} \leftarrow \text{minors.}$$

Example If  $A$  is a matrix,  $\text{Adj} A := \det(A) \cdot A^{-1}$   
is  $|A|$ -adj.

Verification in 2018-12/MinorGames.nb