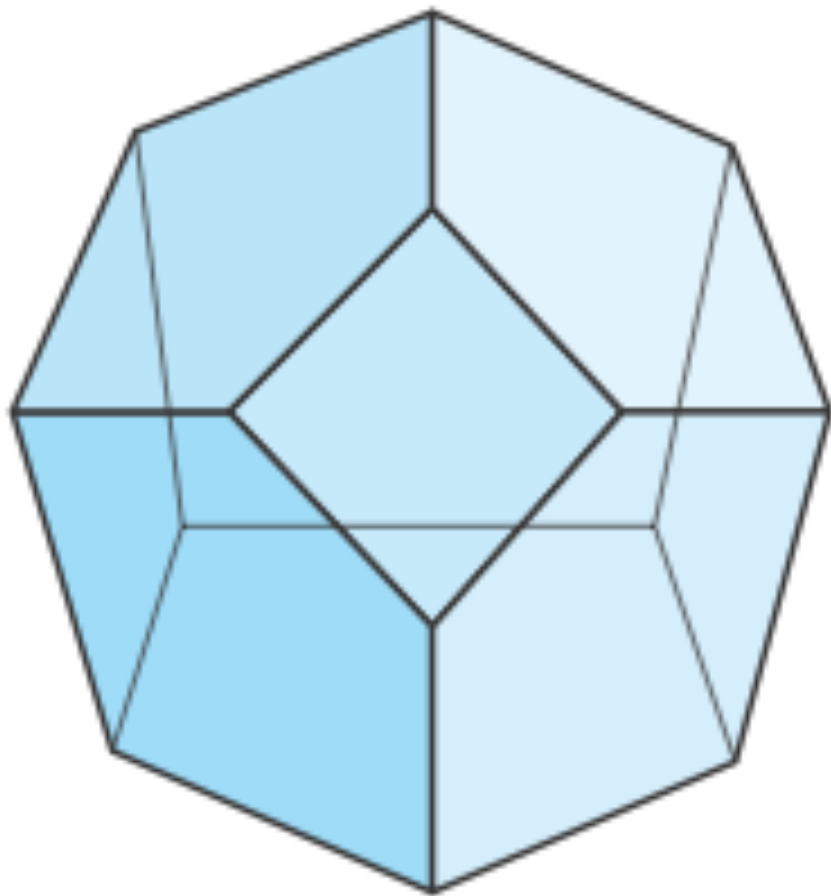


Gametheoretical Interpretation

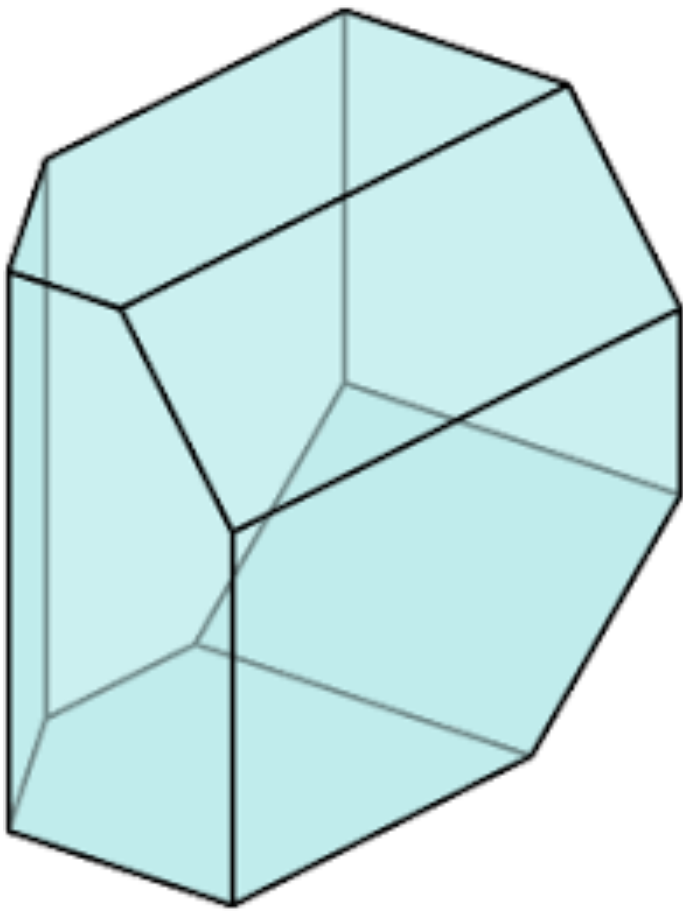
structures do not

2

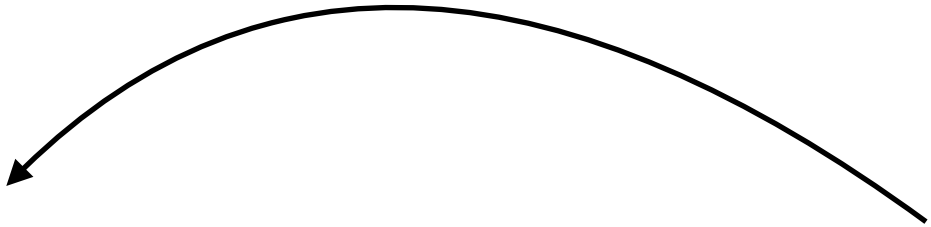
8





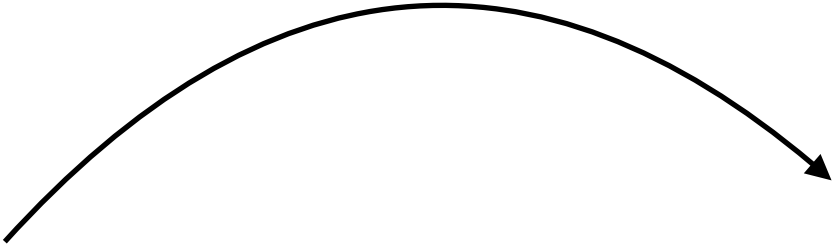


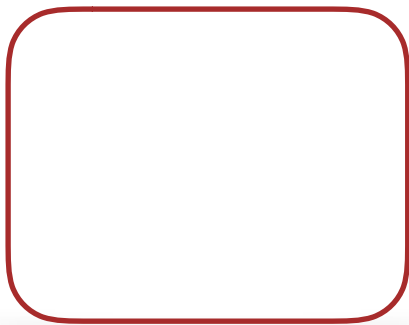
Player A  
(minimizer)

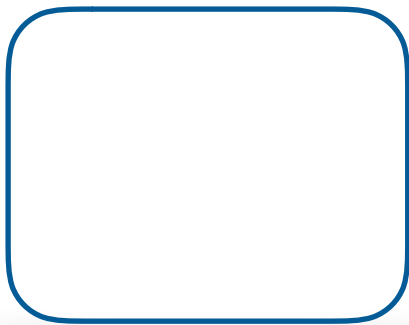


Player B  
(maximizer)

$\langle \Gamma, \kappa \rangle$







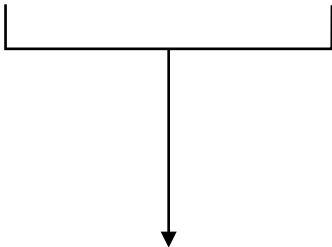




$$\min_{\Gamma \in \Pi} \max_{\kappa \in \mathcal{B}_F} \langle \Gamma, \kappa \rangle$$

$$\min_{\Gamma \in \Pi} \langle \Gamma, c \rangle$$





Payoff



***K***

**$\Pi(a, b)$**



*B*

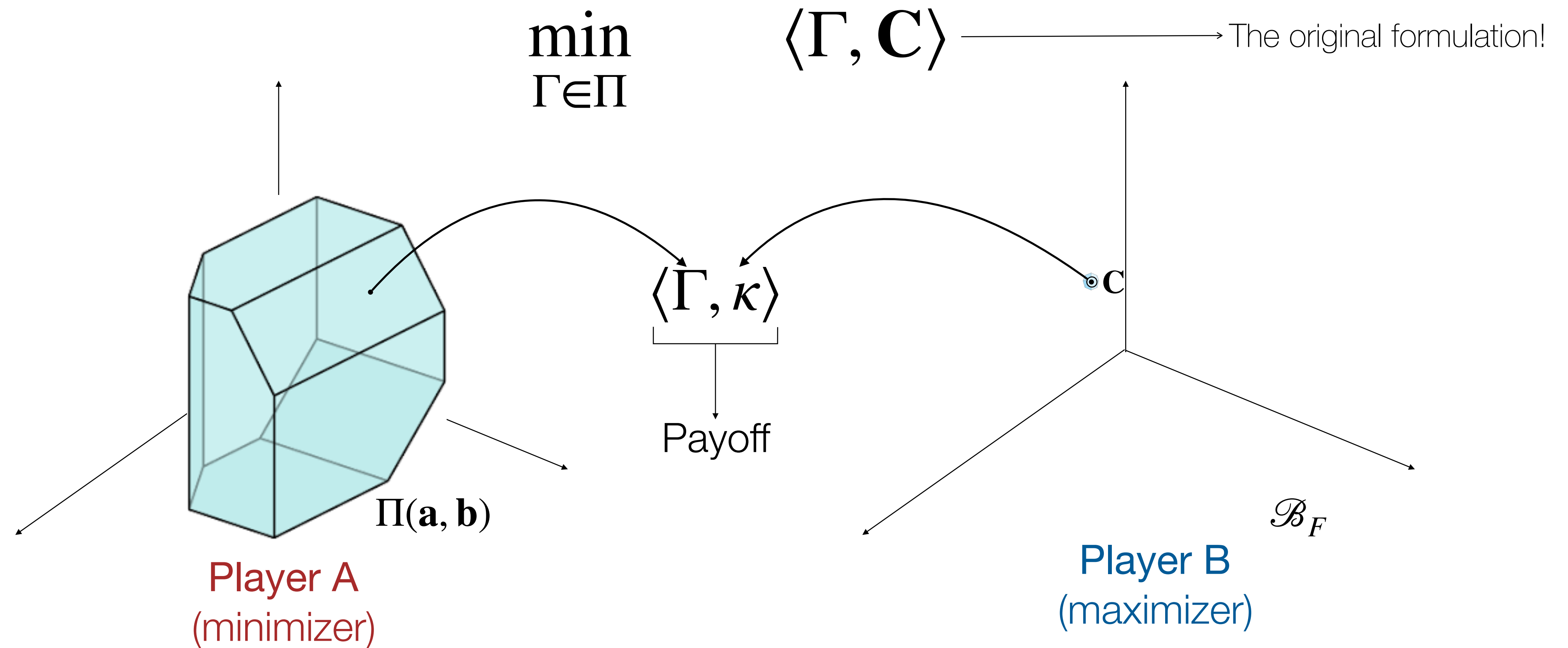
*F*

 The original formulation!



# Structured OT

## Game Theoretic Interpretation



# Optimization:

## Two Approaches

$$\min_{\Gamma \in \Pi(\mathbf{a}, \mathbf{b})} f(\Gamma) \equiv \min_{\Gamma \in \Pi(\mathbf{a}, \mathbf{b})} \max_{\kappa \in \mathcal{B}_F} \langle \Gamma, \kappa \rangle$$