

AI and Mahjong: A New Frontier in Game Intelligence

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Why Mahjong?

A Complex Game

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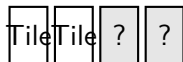
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“Harder than Chess or Go” — AI Researchers

Mahjong Challenges for AI



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Goal

Build AIs that play like—or beat—top humans!

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Microsoft Research Asia (2020)

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		Numbers								
		1	2	3	4	5	6	7	8	9
Suits	Dots									
	Bamboo									
	Characters									
Honors/Bonus	Winds			Arrows			Bonus			
	East	South	West	North	Center	Fortune	Blank	Seasons	Flowers	

Suphx excels in defense and style.

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- Published in CAAI Transactions
(<https://doi.org/10.1049/cit2.12298>).

Future of AI in Mahjong

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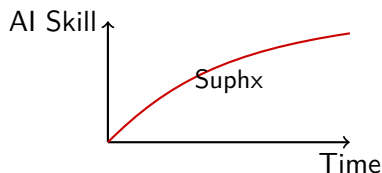
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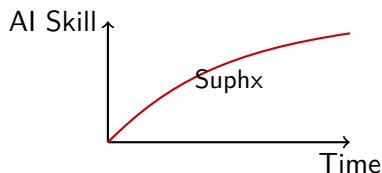
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“Mahjong AI is just beginning!”

AI meets Mahjong:

A testbed for intelligence, strategy, and innovation.

Thank you!