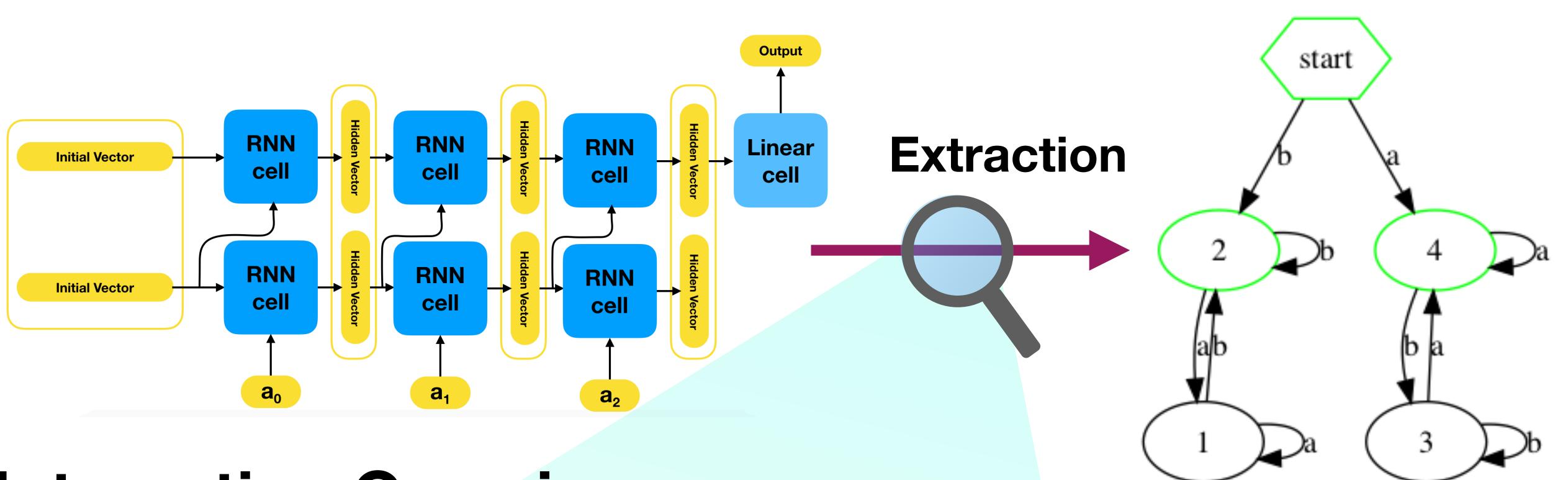
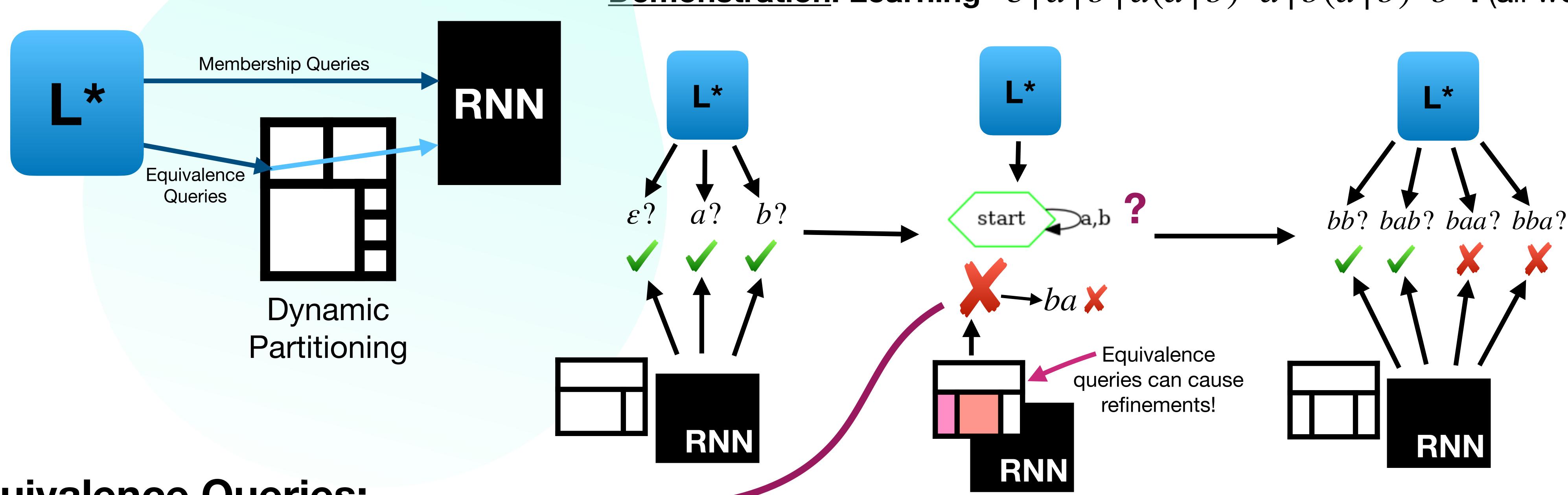
Extracting Automata from Recurrent Neural Networks Using Queries and Counterexamples Gail Weiss, Yoav Goldberg, and Eran Yahav start



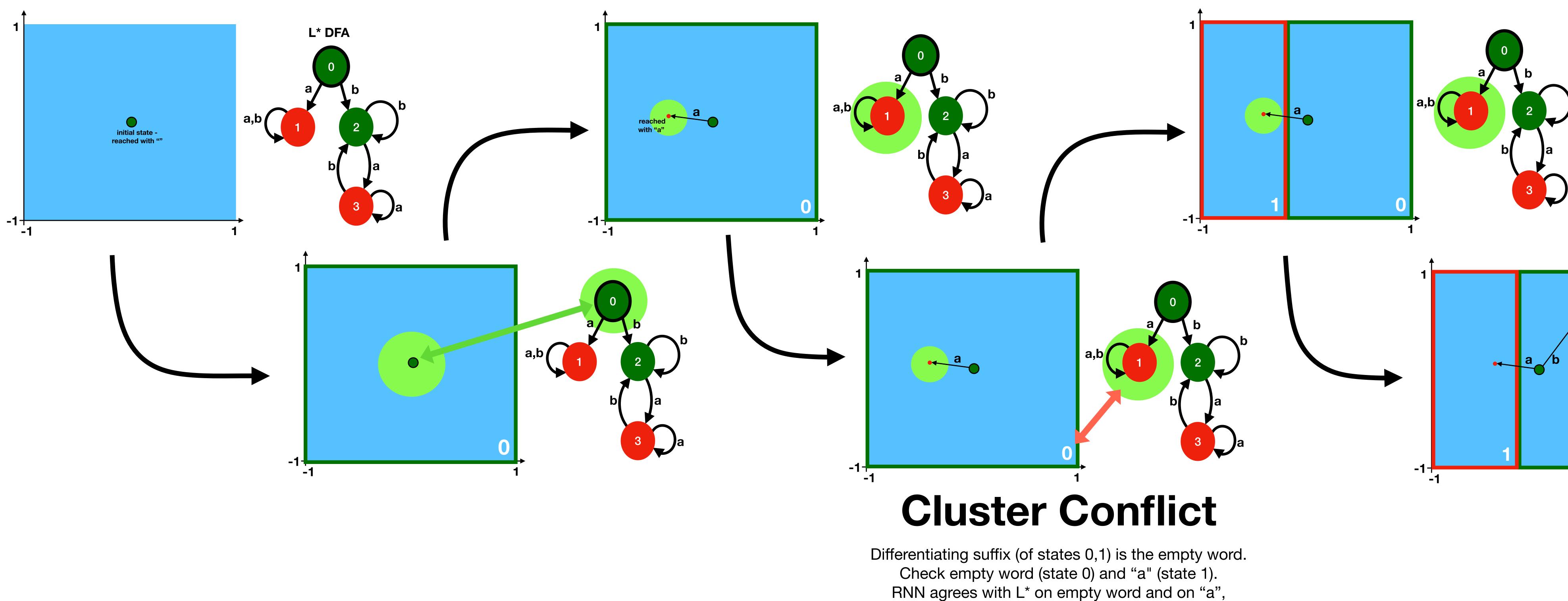
Interaction Overview:



Equivalence Queries:

done by parallel exploration

Demonstration:

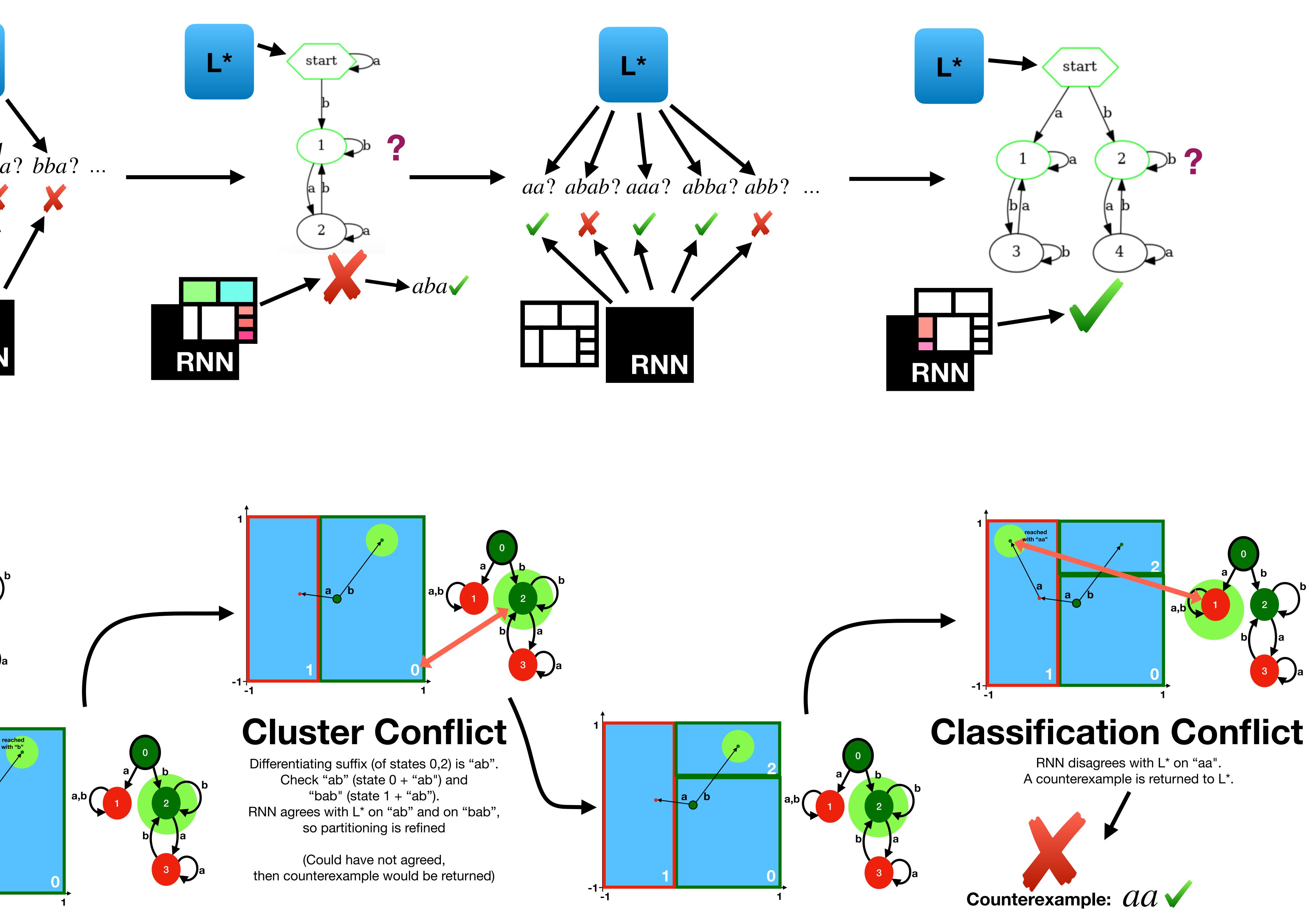




Demonstration: Learning $\varepsilon |a|b|a(a|b)*a|b(a|b)*b$: (all words that start and end the same, over {a,b})

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so partitioning is refined





github.com/tech-srl/lstar extraction

contains also link to a Google Colaboratory notebook