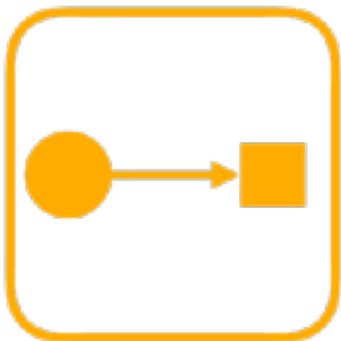




	Problem	Multiple Goals	Scalable	Conflicts Forbidden
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<div><div><div><div><div><div></div><div>LaCAM</div><div>[Okumura+ AAAI-23]</div></div></div></div></div></div>		No	Yes	Vertex, Edge, Swap
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	Problem	Multiple Goals	Scalable	Conflicts Forbidden
LaCAM [Okumura+ AAAI-23]		No	Yes	Vertex, Edge, Swap

Multi-Label A* [Grenouilleau+ AAAI-19]		Up to 2	No	Vertex, Edge, Swap
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	Problem	Multiple Goals	Scalable	Conflicts Forbidden
LaCAM [Okumura+ AAI-23]		No	Yes	Vertex, Edge, Swap
Multi-Label A* [Grenouilleau+ AAI-19]		Up to 2	No	Vertex, Edge, Swap

<div><div>RHCR</div><div>[Li+ AAI-20]</div></div>		<div>Yes</div>	<div>Struggles with large environments</div>	<div>Vertex, Edge, Swap</div>
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	Problem	Multiple Goals	Scalable	Conflicts Forbidden
LaCAM [Okumura+ AAI-23]		No	Yes	Vertex, Edge, Swap
Multi-Label A* [Grenouilleau+ AAI-19]		Up to 2	No	Vertex, Edge, Swap
RHCR [Li+ AAI-20]		Yes	Struggles with large environments	Vertex, Edge, Swap

This Work		Yes	Yes	Vertex, Edge, Swap, Cycle , Following
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	Problem	Multiple Goals	Scalable	Conflicts Forbidden
LaCAM [Okumura+ AAAI-23]		No	Yes	Vertex, Edge, Swap
Multi-Label A* [Grenouilleau+ AAAI-19]		Up to 2	No	Vertex, Edge, Swap
RHCR [Li+ AAAI-20]		Yes	Struggles with large environments	Vertex, Edge, Swap
This Work		Yes	Yes	Vertex, Edge, Swap, Cycle , Following

Motivation

Problem Definitions

Related Work

Research Questions

Contributions

Conclusion