

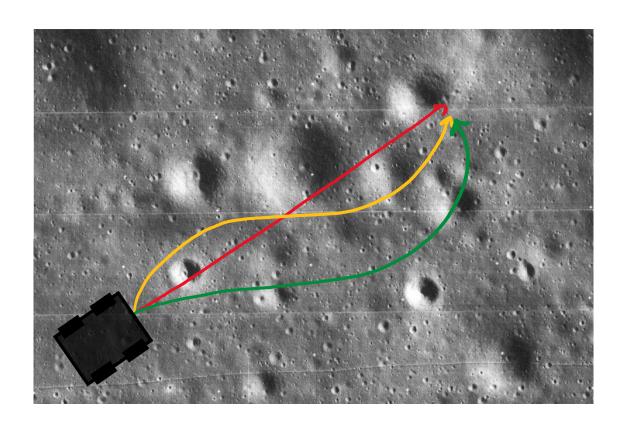
# Cost Function Design for Planning in Robotic Systems

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# **Cost Function Design**



How do we specify a cost function in planning?



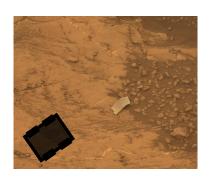
#### **Proposed Framework**



 Consider a diverse set of environments (terrain, weather conditions, etc.)



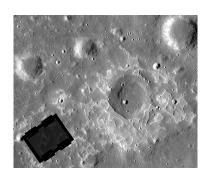




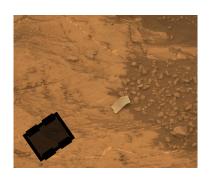
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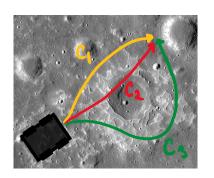
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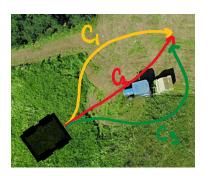


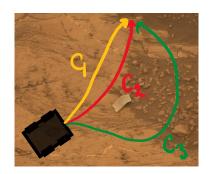




Specify a separate cost function for each



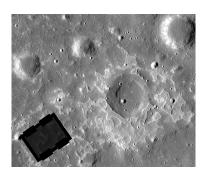




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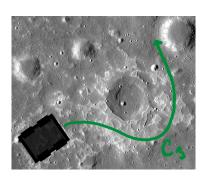
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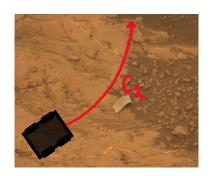




Specify a separate cost function for each







P(c)