Refueling

The Mars Rover might need to stop for refueling breaks in between launching from and landing on multiple sources and destinations, or even refuel on the go. If it has a predetermined way of moving, say two steps forth and one step to the side like a Knight on a chessboard, we can use the Knight's algorithm to find its trajectory. Similarly, the Mars Rover can move in a specific pattern like a particular chess piece on a chessboard. We can use all the algorithms involved in chess for this.