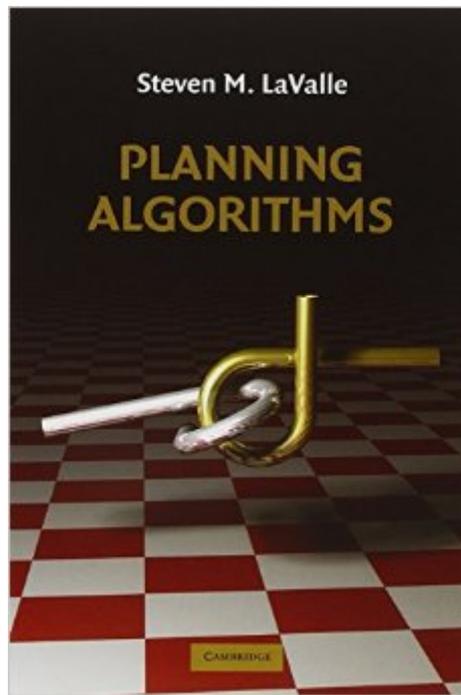


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Planning Algorithms



Synopsis

Planning algorithms are impacting technical disciplines and industries around the world, including robotics, computer-aided design, manufacturing, computer graphics, aerospace applications, drug design, and protein folding. Written for computer scientists and engineers with interests in artificial intelligence, robotics, or control theory, this is the only book on this topic that tightly integrates a vast body of literature from several fields into a coherent source for teaching and reference in a wide variety of applications. Difficult mathematical material is explained through hundreds of examples and illustrations.

Book Information

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Is the most complete and exhaustive survey about path planning and robot navigation. There is an interesting section about topological spaces and their application to path planning. You should know that it can be downloaded for free from the author's website, but i think that this is one of the few books in the field of robotics you must have (the other one is the industrial robotics book written by Lorenzo Sciavicco)

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