1. It finds sequence to achieve the goal for AI. Motion planning discovers steps int that way. With that it coordinates its motions to complete the task.
2. Task planning is used for long term strategies, but motion planning is used for instant movements for AI robots.
3. Computational biology: It is used for finding molecular motions.

Intelligent CAD Applications: It is used for mockups because of physical testing. It takes less time and money to achieve the goal.

Coordinated behaviors: It is used for simulating behaviors of agents.

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