

Synthesis Frameworks





Computational Efficiency

**Overall
Effectiveness**
(Robust
Prolific,
Practical
Considerations,
Useful Solutions)

Desired Region

FDD Based Path Generation

Algebraic Fitting for Classical Burmester Problem





2 = Clustered Database
Query Approach (JCCISE'18)

1 = Extended Burmester Problem (JMR'17)









3 = AI Assistant

IDETC 19

(Submitted to JMD'19)

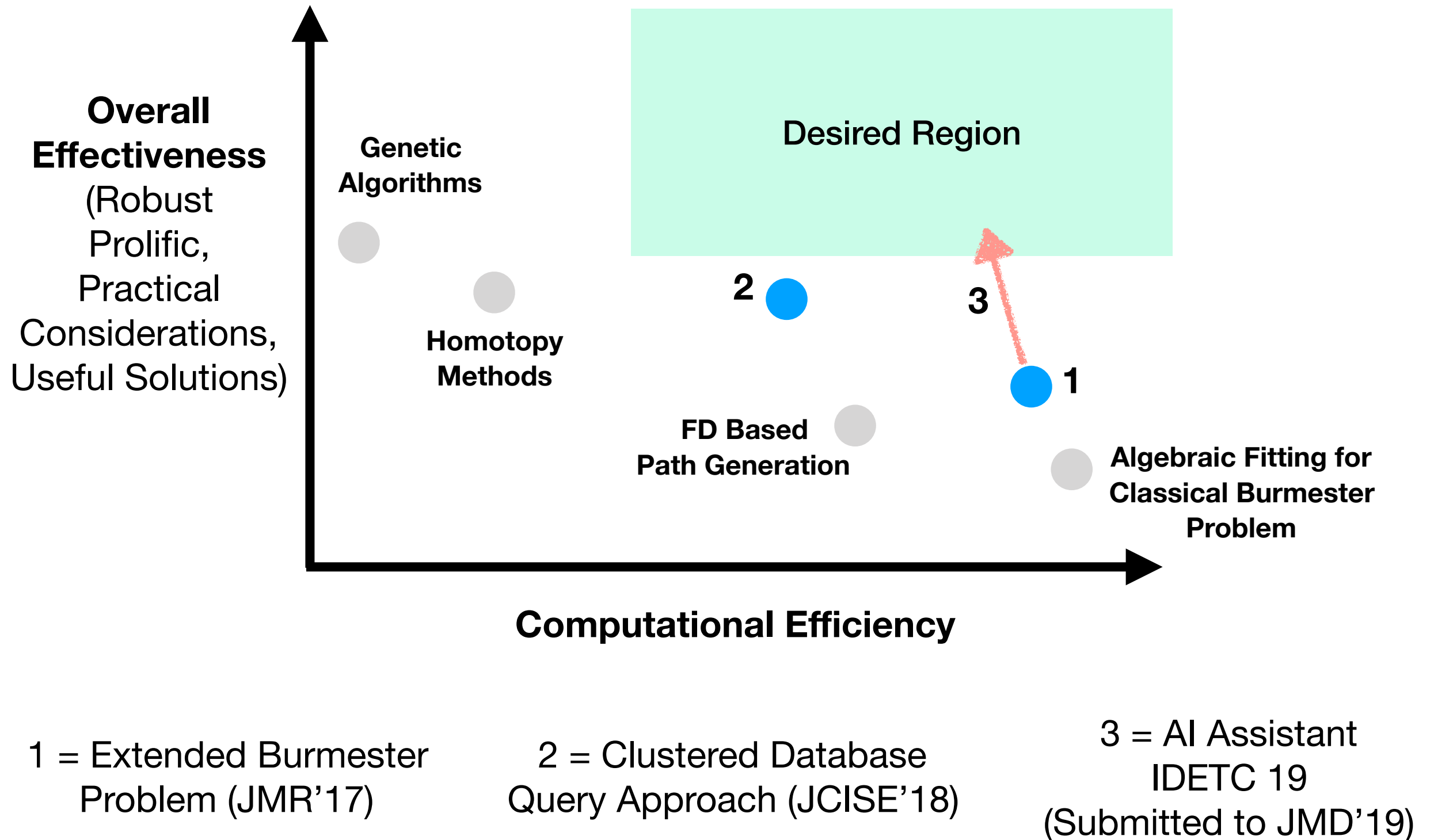
Genetic

Algorithms

Homotopy

Methods

Synthesis Frameworks



Proposed Framework

