| | | Baxter | | | Descent | | | HVAC | | | Linear-Car | | | Linear-Car-2 | | | Linear-Generator | | | Solar-Rover | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | $1\delta$ | $2\delta$ | $K\delta$ | $1\delta$ | $2\delta$ | $K\delta$ | $1\delta$ | $2\delta$ | $K\delta$ | $1\delta$ | $2\delta$ | $K\delta$ | $1\delta$ | $2\delta$ | $K\delta$ | $1\delta$ | $2\delta$ | $K\delta$ | $1\delta$ | $2\delta$ | $K\delta$ |
| ENHSP-SAT-HMRP | RT (s) | 4.59 | 1.63 | **1.42** | - | - | - | 18.76 | 16.25 | **4.47** | **6.52** | 16.61 | - | **11.98** | 18.69 | - | - | - | - | 2.65 | **2.38** | 3.00 |
| | Cov. (%) | 89.47 | **100.00** | **100.00** | - | - | - | 45.00 | 55.00 | **100.00** | **88.89** | 50.00 | - | **79.17** | 50.00 | - | - | - | - | **100.00** | **100.00** | **100.00** |
| ENHSP-SAT-HADD | RT (s) | 4.43 | 4.29 | **1.38** | - | - | - | 22.28 | 11.26 | **4.13** | **11.11** | 13.86 | - | **16.83** | 20.80 | - | - | - | - | 1.20 | **1.12** | 1.27 |
| | Cov. (%) | 89.47 | 89.47 | **100.00** | - | - | - | 30.00 | 73.68 | **100.00** | **70.00** | 60.00 | - | **56.52** | 39.13 | - | - | - | - | **100.00** | **100.00** | **100.00** |
| ENHSP-SAT-AIBR | RT (s) | 21.23 | 18.48 | **11.15** | 20.60 | **14.86** | 20.95 | 26.06 | **23.01** | 23.09 | 15.90 | **15.86** | 17.20 | 22.80 | **14.87** | 23.77 | - | - | - | 3.31 | **2.97** | 6.51 |
| | Cov. (%) | 31.58 | 44.44 | **68.42** | 35.00 | **55.00** | 33.33 | 15.79 | 35.00 | **40.00** | **50.00** | **50.00** | 44.44 | 25.00 | **52.17** | 21.74 | - | - | - | **100.00** | **100.00** | **100.00** |
| ENHSP-SAT-BLIND | RT (s) | 15.18 | **13.94** | 19.33 | 27.69 | **25.70** | 26.62 | 28.58 | **28.57** | - | 27.35 | - | **15.59** | 26.91 | 27.87 | **24.16** | - | - | - | 1.03 | **0.98** | 1.19 |
| | Cov. (%) | 57.89 | **63.16** | 36.84 | 10.00 | 15.00 | **18.18** | **5.00** | **5.00** | - | 10.00 | - | **50.00** | 13.04 | 8.33 | **20.83** | - | - | - | **100.00** | **100.00** | **100.00** |
| ENHSP-OPT-HMRP | RT (s) | 11.94 | **4.36** | 5.08 | **28.11** | 28.64 | - | - | - | - | - | - | - | - | - | - | - | - | - | 28.48 | **27.55** | 29.55 |
| | Cov. (%) | 68.42 | **89.47** | **89.47** | **10.00** | 5.00 | - | - | - | - | - | - | - | - | - | - | - | - | - | 10.00 | **15.00** | 5.00 |
| ENHSP-OPT-HADD | RT (s) | 10.36 | 10.71 | **3.20** | **27.32** | 27.34 | 27.93 | 26.54 | 23.09 | **17.47** | - | - | - | - | - | - | - | - | - | - | **28.59** | 29.20 |
| | Cov. (%) | 68.42 | 68.42 | **94.74** | **10.00** | **10.00** | 8.33 | 20.00 | 45.00 | **75.00** | - | - | - | - | - | - | - | - | - | - | **5.00** | **5.00** |
| ENHSP-OPT-AIBR | RT (s) | 13.37 | 12.34 | **6.71** | 20.31 | **17.47** | 18.03 | 28.30 | 25.71 | **25.30** | 9.95 | **9.90** | 12.94 | 22.79 | 19.25 | **18.05** | - | - | - | 27.40 | 27.98 | **25.53** |
| | Cov. (%) | 63.16 | 68.42 | **89.47** | 35.00 | **45.00** | 41.67 | 10.00 | **25.00** | **25.00** | **70.00** | **70.00** | **70.00** | 25.00 | **41.67** | **41.67** | - | - | - | 10.00 | 10.00 | **20.00** |
| ENHSP-OPT-BLIND | RT (s) | 22.80 | 22.69 | **22.56** | 27.30 | **26.02** | 27.62 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | Cov. (%) | 26.32 | 26.32 | **31.58** | 10.00 | **15.00** | 8.33 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

Table 1: Average runtime (RT, CPU-time seconds) and coverage (Cov.) achieved by informed and uninformed search approaches implemented in ENHSP (E) and UPMurphi (U) while relying on different discretisation approaches on well-known benchmark domains. Average runtime (RT) considers unsolved instances as cut-off time (300 seconds).