

PDB or not PDB? – that's the Question

A Tribute to Blind Search Planning

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PDB or not PDB? – that's the Question

Domain	A*			BDDA*		
	M&S	M&S'	PDB	M&S	M&S'	PDB
BARMAN	4	4	4	4	4	4
ELEVATORS	6	12	19	5	17	19
FLOORTILE	3	4	11	3	4	8
OPENSTACKS	5	16	16	5	20	20
PARC-PRINTER	11	12	10	10	7	8
PEG-SOLITAIRE	0	19	19	0	19	17
SCANALYZER	3	8	9	3	7	9
SOKOBAN	3	20	17	2	18	19
TRANSPORT	6	6	9	6	6	8
WOODWORKING	9	9	13	13	12	16
Total	50	110	127	51	114	128



Blind Search

Problem	FDSS-1	FDSS-2	SELMAX	M&S	LM-CUT	FD AUTO	BLIND	FORKINIT	BJOLP	LMFORK	IFORKINIT	CPT4
BARMAN	4	4	4	4	4	4	8	4	4	4	4	0
ELEVATORS	18	17	18	11	18	18	19	16	14	14	14	0
FLOORTILE	7	7	7	7	7	7	9	2	2	2	2	0
OPENSTACKS	16	16	14	16	16	16	20	16	14	12	16	0
PARC-PRINTER	14	13	13	14	13	13	8	11	11	10	10	17
PEG-SOLITAIRE	19	19	17	19	18	17	17	17	17	17	17	1
SCANALYZER	14	14	10	9	12	12	9	10	6	8	6	1
SOKOBAN	20	20	20	20	20	20	19	19	20	19	20	0
TRANSPORT	7	7	6	7	6	6	8	6	7	6	6	0
WOODWORKING	12	11	12	9	12	12	16	4	9	5	3	6
Total	131	128	121	116	126	125	133	105	104	97	98	25

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Pattern Databases are not dead. Blind Search is not dead.