Problem		**Sparsity**		**Pattern detection**[1]		
Name	Inputs	Zeros	Colors[2]	Symbolics	SCT[3]	
3_lmbd	24	91.15%	6	$1.29 \cdot 10^{-3}$	$\mathbf{5.59 \cdot 10^{-5}}$	**(23.1)**
5_pjm	44	94.99%	8	$2.49 \cdot 10^{-3}$	$\mathbf{1.19 \cdot 10^{-4}}$	**(20.9)**
14_ieee	118	97.84%	10	$9.02 \cdot 10^{-3}$	$\mathbf{5.19 \cdot 10^{-4}}$	**(17.4)**
24_ieee_rts	266	99.22%	12	$1.92 \cdot 10^{-2}$	$\mathbf{1.50 \cdot 10^{-3}}$	**(12.8)**
30_as	236	98.89%	12	$2.04 \cdot 10^{-2}$	$\mathbf{1.60 \cdot 10^{-3}}$	**(12.7)**
30_ieee	236	98.89%	12	$2.03 \cdot 10^{-2}$	$\mathbf{1.60 \cdot 10^{-3}}$	**(12.7)**
39_epri	282	99.10%	10	$2.45 \cdot 10^{-2}$	$\mathbf{2.10 \cdot 10^{-3}}$	**(11.7)**
57_ieee	448	99.41%	14	$4.68 \cdot 10^{-2}$	$\mathbf{4.91 \cdot 10^{-3}}$	**(9.5)**
60_c	518	99.56%	12	$5.15 \cdot 10^{-2}$	$\mathbf{5.76 \cdot 10^{-3}}$	**(8.9)**
73_ieee_rts	824	99.74%	12	$9.84 \cdot 10^{-2}$	$\mathbf{1.09 \cdot 10^{-2}}$	**(9.0)**
89_pegase	1042	99.74%	26	$1.80 \cdot 10^{-1}$	$\mathbf{2.20 \cdot 10^{-2}}$	**(8.2)**
118_ieee	1088	99.77%	12	$1.57 \cdot 10^{-1}$	$\mathbf{2.11 \cdot 10^{-2}}$	**(7.5)**
162_ieee_dtc	1484	99.82%	16	$2.99 \cdot 10^{-1}$	$\mathbf{3.33 \cdot 10^{-2}}$	**(9.0)**
179_goc	1468	99.83%	14	$2.59 \cdot 10^{-1}$	$\mathbf{3.09 \cdot 10^{-2}}$	**(8.4)**
197_snem	1608	99.85%	14	$3.02 \cdot 10^{-1}$	$\mathbf{3.57 \cdot 10^{-2}}$	**(8.5)**
200_activ	1456	99.82%	12	$2.59 \cdot 10^{-1}$	$\mathbf{2.92 \cdot 10^{-2}}$	**(8.9)**
240_pserc	2558	99.91%	16	$6.72 \cdot 10^{-1}$	$\mathbf{7.32 \cdot 10^{-2}}$	**(9.2)**
300_ieee	2382	99.89%	14	$6.20 \cdot 10^{-1}$	$\mathbf{6.95 \cdot 10^{-2}}$	**(8.9)**
500_goc	4254	99.94%	14	$1.81 \cdot 10^{0}$	$\mathbf{1.40 \cdot 10^{-1}}$	**(12.9)**
588_sdet	4110	99.94%	14	$1.71 \cdot 10^{0}$	$\mathbf{1.40 \cdot 10^{-1}}$	**(12.2)**
793_goc	5432	99.95%	14	$2.96 \cdot 10^{0}$	$\mathbf{2.65 \cdot 10^{-1}}$	**(11.2)**

1354_pegase	11192	99.98%	18	$1.58 \cdot 10^{1}$	$\mathbf{4.14 \cdot 10^{-1}}$	**(38.1)**
1803_snem	15246	99.98%	16	$3.02 \cdot 10^{1}$	$\mathbf{7.17 \cdot 10^{-1}}$	**(42.1)**
1888_rte	14480	99.98%	18	$2.72 \cdot 10^{1}$	$\mathbf{6.53 \cdot 10^{-1}}$	**(41.7)**
1951_rte	15018	99.98%	20	$3.10 \cdot 10^{1}$	$\mathbf{6.50 \cdot 10^{-1}}$	**(47.7)**
2000_goc	19008	99.99%	18	$6.55 \cdot 10^{1}$	$\mathbf{1.10 \cdot 10^{0}}$	**(59.5)**
2312_goc	17128	99.98%	16	$4.43 \cdot 10^{1}$	$\mathbf{8.69 \cdot 10^{-1}}$	**(51.0)**
2383wp_k	17004	99.98%	16	$4.39 \cdot 10^{1}$	$\mathbf{8.48 \cdot 10^{-1}}$	**(51.7)**
2736sp_k	19088	99.99%	14	$6.31 \cdot 10^{1}$	$\mathbf{1.02 \cdot 10^{0}}$	**(62.1)**
2737sop_k	18988	99.99%	16	$5.62 \cdot 10^{1}$	$\mathbf{1.02 \cdot 10^{0}}$	**(55.1)**
2742_goc	24540	99.99%	14	$1.37 \cdot 10^{2}$	$\mathbf{1.11 \cdot 10^{0}}$	**(122.8)**
2746wop_k	19582	99.99%	16	$6.61 \cdot 10^{1}$	$\mathbf{1.06 \cdot 10^{0}}$	**(62.5)**
2746wp_k	19520	99.99%	14	$6.35 \cdot 10^{1}$	$\mathbf{1.04 \cdot 10^{0}}$	**(60.9)**
2848_rte	21822	99.99%	20	$8.57 \cdot 10^{1}$	$\mathbf{1.23 \cdot 10^{0}}$	**(69.5)**
2853_sdet	23028	99.99%	26	$1.04 \cdot 10^{2}$	$\mathbf{8.57 \cdot 10^{-1}}$	**(121.2)**
2868_rte	22090	99.99%	20	$1.10 \cdot 10^{2}$	$\mathbf{1.27 \cdot 10^{0}}$	**(86.7)**
2869_pegase	25086	99.99%	28	$1.44 \cdot 10^{2}$	$\mathbf{1.06 \cdot 10^{0}}$	**(136.2)**
3012wp_k	21082	99.99%	14	$8.36 \cdot 10^{1}$	$\mathbf{1.22 \cdot 10^{0}}$	**(68.4)**
3022_goc	23238	99.99%	18	$1.45 \cdot 10^{2}$	$\mathbf{9.83 \cdot 10^{-1}}$	**(147.8)**
3120sp_k	21608	99.99%	18	$9.46 \cdot 10^{1}$	$\mathbf{1.31 \cdot 10^{0}}$	**(72.1)**
3375wp_k	24350	99.99%	18	$1.27 \cdot 10^{2}$	$\mathbf{9.82 \cdot 10^{-1}}$	**(128.9)**

[1]Wall time in seconds.

[2]Number of colors resulting from greedy column coloring.

[3]In parenthesis: Wall time ratio compared to Symbolics.jl's pattern detection (higher is better).