

Table 1 Nearly Distinct Application Areas

	SEARCH TERMS¹	# of HITS
1	"aeronautics OR astronautics OR navigation" AND "CS/CS"	3,190
2	"astronomy OR astrophysics" AND "CS/CS"	864
3	"atmosphere OR weather OR meteorology OR cyclone OR hurricane OR tornado" AND "CS/CS"	2,230
4	"cognitive radio" AND "CS/CS"	8,540
5	"comets OR asteroids" AND "CS/CS"	155
6	"cyclic MUSIC"	512
7	"direction finding" AND "CS/CS"	1,170
8	"electroencephalography OR cardiography" AND "CS/CS"	742
9	"global warming" AND "CS/CS"	369
10	"oceanography OR ocean OR maritime OR sea" AND "CS/CS"	3,060
11	"physiology" AND "CS/CS"	673
12	"planets OR moons" AND "CS/CS"	274
13	"pulsars" AND "CS/CS"	115
14	"radar OR sonar OR lidar" AND "CS/CS"	5,440
15	"rheology OR hydrology" AND "CS/CS"	639
16	"seismology OR earthquakes OR geophysics OR geology" AND "CS/CS"	1,090
17	"SETI OR extraterrestrial" AND "CS/CS"	83
18	autoregression AND "CS/CS"	2,040
19	bearings AND "CS/CS"	3,980

20	biology AND "CS/CS"	2,030
21	biometrics AND "CS/CS"	309
22	chemistry AND "CS/CS"	2,020
23	classification AND "CS/CS"	10,900
24	climatology AND "CS/CS"	811
25	communications AND "CS/CS"	21,200
26	cosmology AND "CS/CS"	172
27	ecology AND "CS/CS"	356
28	economics AND "CS/CS"	2,050
29	galaxies OR stars AND "CS/CS"	313
30	gears AND "CS/CS"	2,000
31	geolocation AND "CS/CS"	676
32	interception AND "CS/CS"	2,270
33	mechanical AND "CS/CS"	4,770
34	medical imaging OR scanning AND "CS/CS"	1,370
35	medicine AND "CS/CS"	2,990
36	modulation AND "CS/CS"	17,000
37	physics AND "CS/CS"	4,539
38	plasma AND "CS/CS"	542
39	quasars AND "CS/CS"	47
40	Sun AND "CS/CS"	4,320
41	UAVs AND "CS/CS"	238

42	universe AND "CS/CS"	209
43	vibration OR rotating machines AND "CS/CS"	3,240
44	walking AND "CS/CS"	990
45	wireless AND "CS/CS"	15,100
	TOTAL	135,628

¹"CS/CS" is an abbreviation for "cyclostationary OR cyclostationarity"

Table 2 Partially-Redundant General Subjects

	SEARCH TERMS¹	# of HITS
1	"almost "CS/CS"	8,840
2	"almost periodically correlated" AND "sequences OR processes"	352
3	"Cyclic Wiener Filtering" OR "FRESH filtering" OR "frequency-shift filtering"	676
4	"cyclostationary EOF" OR "cyclostationary empirical orthogonal functions" OR CSEOF	453
5	"exploiting "CS/CS"	11,900
6	"Gardner relation" OR "Cyclic Wiener Relation"	75
7	"periodically correlated" AND "sequences OR processes"	1,740
8	"signal analysis" AND "CS/CS"	3,210
9	"signal processing" AND "CS/CS"	19,000
10	"spatial filtering" AND "CS/CS"	571
11	"spectral redundancy" AND "CS/CS"	1,170
12	computers AND "CS/CS"	17,700
13	cyclic spectrum AND "CS/CS"	9,580
14	cyclostationary OR cyclostationarity	25,000
15	equalization AND "CS/CS"	6,360
16	estimation AND "CS/CS"	20,800
17	filtering AND "CS/CS"	18,400
18	filtering OR smoothing AND "CS/CS"	12,400
19	higher-order OR cumulant AND cyclostationarity	6,040

20	identification AND "CS/CS"	15,700
21	mathematics AND "CS/CS"	10,900
22	prediction AND "CS/CS"	9,540
23	sensing AND "CS/CS"	14,900
24	spectrum AND "CS/CS"	22,200
	TOTAL	237,507

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Table 3 Nearly Distinct Application Areas

	SEARCH TERMS¹	# of HITS
1	communications AND "CS/CS"	21,200
2	modulation AND "CS/CS"	17,000
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Table 4 Partially-Redundant General Subjects

	SEARCH TERMS¹	# of HITS
1	cyclostationary OR cyclostationarity	25,000
2	spectrum AND "CS/CS"	22,200
3	estimation AND "CS/CS"	20,800
4	"signal processing" AND "CS/CS"	19,000
5	filtering AND "CS/CS"	18,400
6	computers AND "CS/CS"	17,700
7	identification AND "CS/CS"	15,700
8	sensing AND "CS/CS"	14,900
9	filtering OR smoothing AND "CS/CS"	12,400
10	"exploiting "CS/CS"	11,900
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