

LIST OF TABLES

Chapter Number	Table Number	Table Name	Page
3	3.1	Examples of three kernels of keywords	57
	3.2	Ephemeral and Non-Ephemeral Keywords (Definition)	59
	3.3	Keyword Taxonomy	62
	3.4	Clustered keyword	63
4	4.1	Notations used to represent the parameters	64
5	5.1	36 keyword classes on the basis of first three properties (ASC, CAP, FOC)	67
	5.2	216 keyword classes on the basis of four properties (ASC, CAP, FOC, CAT)	68
6	6.1	Keyword selection (an example)	77
	6.2	Comparison between selected keywords	79
	6.3	Distinct keywords after comparison	80
10	10.1	Growth of Literature and Keyword since 1985 to 2004	96
	10.2	Numerical Values of Some Parameters since 1985 to 2004	97
	10.3	Data for Graph 1	100
	10.4	Data for Graph-2	100
	10.5	Data for Graph 3	102
	10.6	Spatial Index for Twenty Years	102
	10.7	Informative Index for Twenty Years	104
	10.8A	Classified Keyword Year wise Distribution (Keyword Matrix: 1985-1994)	107
	10.8B	Classified Keyword Year wise Distribution (Keyword Matrix: 1995-2004)	108
	10.9	Classified Keyword Integrated Distribution	109
	10.10	Data for Graph 6	116
	10.11	Data for Graph 7	119
	10.12	Data for Graph 8	121
	10.13	Data for Graph 9	122
	10.14	Data for Graph 10	123
	10.15	Data for Graph 11	125
	10.16	Data for Graph 12	126
	10.17	Data for Graph 13	128
	10.18	Data for Graph 14	130
	10.19	Data for Graph 15	131
10.20	Synopsis of the functional variation of the top ten keyword classes	132	

	Table Number	Table Name	Page
10	10.21	Data for Graph 16	133
	10.22	Data for Graph 17	134
	10.23	Data for Graph 18	136
	10.24	Data for Graph 19	137
	10.25	Data for Graph 20	139
	10.26	Data for Graph 21	140
	10.27	Data for Graph 22	141
	10.28	Data for Graph 23	142
	10.29	Data for Graph 24	142
	10.30	Data for Graph 25	144
	10.31	Data for Graph 26	144
	10.32	Data for Graph 27	145
	10.33	Data for Graph 28	146
	10.34	Data for Graph 29	147
	10.35	Data for Graph 30	148
	10.36	Data for Graph 31	149
	10.37	Data for Graph 32	150
	10.38	Data for Graph 33	150
	10.39	Data for Graph 34	152
	10.40	Data for Graph 35	152
	10.41	Data for Graph 36	153
	10.42	Data for Graph 37	155
	10.43	Data for Graph 38	155
	10.44	Data for Graph 39	156
	10.45	Data for Graph 40	157
	10.46	Data for Graph 41	158
	10.47	Data for Graph 42	158
	10.48	Data for Graph 43	161
	10.49	Data for Graph 44	162
	10.50	Data for Graph 45	162
	10.51	Data for Graph 46	165
	10.52	Data for Graph 47	166
	10.53	Data for Graph 48	167
	10.54	Data for Graph 49	168
	10.55	Data for Graph 50	168
	10.56	Data for Graph 51	170
	10.57	Five zones of potency index	171
	10.58	Top 54 keyword-clusters ranked according to Potency Index $p(i)$	173
	10.59	Top 20 keyword clusters ranked according to the Momentary Visibility Index $m(i)$	177
	10.60	Top 20 keyword clusters ranked according to the Integrated Visibility Index $v(i)$	180

	Table Number	Table Name	Page
10	10.61	Top 20 keyword clusters ranked according to the Stability Index $s(i)$	181
	10.62A	Variation of Potency Index $(p(i))$ from 1985 to 1994	183
	10.62B	Variation of Potency Index $(p(i))$ from 1995 to 2004	183
	10.63A	Variation of Rank of Keyword Clusters since 1985 to 1994	184
	10.63B	Variation of Rank of Keyword Clusters since 1995 to 2004	184
	10.64	Fluctuation Index of top 15 keyword clusters	185
	10.65	Stability analysis	186
	10.66	List of perfectly stable keywords	188
	10.67	List of core keyword clusters or keyphrases	189
	10.68	Frequency of Occurrence and Occurrence Frequency (Cumulative) of 17945 keywords	191
	10.69	Top 30 modulators	195
	10.70	Top 30 qualifiers	196
	10.71	Top 30 keyterms	197
	12	12.1	Indicators and related phenomenon indicated
12.2		Indicators and gradation of their numerical values	225
12.3		Sample layout of the newly introduced subject access tool (<i>Keysaurus</i>)	226