Mining Organizational Structure in Social Network

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Perfo	orma	nce				
data set	RULE	SVM	IndMAX		TPFG	
TEST1	69.9%	73.4%	75.2%	78.9%	80.2%	84.4%
TEST2	69.8%	74.6%	74.6%	79.0%	81.5%	84.3%
TEST3	80.6%	86.7%	83.1%	90.9%	88.8%	91.3%
	TRA	IN1=Coll	eague(49)	1)+PHD(1	00)	
TEST	Г1=Teach	er(257)+N	MathGP(1	909)+Col	league(21	66)
TR	AIN2=T	RAIN3=T	Teacher(25	57)+Colle	ague(2166	5)
TES	ST2=PHD	D(100)+M	athGP(19	09)+Colle	eague(435	51)
	TES	T3=AIGF	P(666)+Co	olleague(4	-59)	
	1 LO	13-4101		meague(4		





7













Consultant in Mathematic													
Coauthership Network													
•	 R = {Brin, Page, Kleinberg} 												
	it (Bill	, . «6	e, member	יס									
Rank	PRankP		HITSP		WKPaths		KSMarkov						
1:	Brin	0.2014	Brin	0.1119	Kleinberg	0.0023	Brin	0.1045					
2:	Page	0.1352	Kleinberg	0.1107	Brin	0.0019	Motwani	0.0627					
3:	Kleinberg	0.1137	Page	0.1087	Motwani	0.0017	Ullman	0.0536					
4:	Motwani	0.0474	Motwani	0.0184	Raghavan	0.0016	Silverstein	0.0467					
5:	Ullman	0.0429	Raghavan	0.0147	Page	0.0014	Page	0.0394					
6:	Silverstein	0.0392	Ullman	0.0136	Silverstein	0.0014	Kleinberg	0.0194					
7:	Raghavan	0.0111	Silverstein	0.0119	Ullman	0.0014	Raghavan	0.0138					
8:	Lynch	0.0086	Williamson	0.0113	Williamson	0.0012	Zhang	0.0109					
9:	Kedem	0.0086	Papadimitriou	0.0110	Vempala	0.0012	Guibas	0.0106					
10:	Williamson	0.0085	Lynch	0.0108	Indyk	0.0010	Robertson	0.0101					



