

BETWEENESS							CLOSENESS					
	NORMAL			WEIGHTED			NORMAL				WEIGHTED	
	Author	Node	Measure	Author	Node	Measure	Author	Node	Measure	Author	Node	Measure
1972	masako takahashi	14	,0.0	masako takahashi	14	0	masako takahashi	14	1	masako takahashi	14	1
1974	michael a. harrison	3	,0.6666666666666666	michael a. harrison	3	0.6666666667	michael a. harrison	3	1	michael a. harrison	3	1
1976	jean vuillemin	45	,0.5	jean vuillemin	45	0.5	jean vuillemin	45	0.8	jean vuillemin	45	0.8
1977	jean vuillemin	45	,0.5	jean vuillemin	45	0.5	jean vuillemin	45	0.8	jean vuillemin	45	0.8
1978	corrado böhm	1	,0.5714285714285714	corrado böhm	1	0.5714285714	corrado böhm	1	0.6363636364	corrado böhm	1	0.4666666667
1979	corrado böhm	1	,0.5357142857142857	corrado böhm	1	0.5357142857	corrado böhm	1	0.6153846154	mario coppo	204	0.5
1980	zohar manna	44	,0.6388888888888889	zohar manna	44	0.6388888889	zohar manna	44	0.5294117647	zohar manna	44	0.5294117647
1981	amir pnueli	184	,0.7047619047619048	amir pnueli	184	0.7047619048	zohar manna	44	0.5172413793	zohar manna	44	0.5172413793
1982	amir pnueli	184	,0.6684210526315789	amir pnueli	184	0.6684210526	zohar manna	44	0.4347826087	zohar manna	44	0.4347826087
1983	zohar manna	44	,0.5	amir pnueli	184	0.4565217391	zohar manna	44	0.4705882353	joseph y. halpern	341	0.4
1984	jean vuillemin	45	,0.5541218637992831	jean vuillemin	45	0.5387096774	zohar manna	44	0.4189189189	zohar manna	44	0.3604651163
1985	jean vuillemin	45	,0.5851540616246499	jean vuillemin	45	0.5739495798	zohar manna	44	0.4069767442	zohar manna	44	0.3571428571
1986	jean vuillemin	45	,0.6112794612794613	jean vuillemin	45	0.6035353535	jean vuillemin	45	0.2884615385	jean vuillemin	45	0.2662721893
1987	jean vuillemin	45	,0.6083872957138454	jean vuillemin	45	0.6017576318	jean vuillemin	45	0.2883435583	jean vuillemin	45	0.2655367232
1988	kurt mehlhorn	78	,0.6569872958257714	kurt mehlhorn	78	0.6569872958	franco p. preparata	354	0.2697674419	franco p. preparata	354	0.2532751092
1989	kurt mehlhorn	78	,0.7343660355708548	kurt mehlhorn	78	0.7343660356	kurt mehlhorn	78	0.2568807339	kurt mehlhorn	78	0.2456140351
1990	kurt mehlhorn	78	,0.7566918325326013	kurt mehlhorn	78	0.7541752459	kurt mehlhorn	78	0.2670454545	kurt mehlhorn	78	0.2533692722
1991	kurt mehlhorn	78	,0.760422615648201	kurt mehlhorn	78	0.7579478393	kurt mehlhorn	78	0.2601010101	kurt mehlhorn	78	0.2470023981
1992	kurt mehlhorn	78	,0.7327273332667399	kurt mehlhorn	78	0.7302966737	kurt mehlhorn	78	0.2358803987	kurt mehlhorn	78	0.2261146497
1993	kurt mehlhorn	78	,0.764207629579136	kurt mehlhorn	78	0.7622510036	kurt mehlhorn	78	0.2425595238	kurt mehlhorn	78	0.2312056738
1994	kurt mehlhorn	78	,0.7189715187643573	kurt mehlhorn	78	0.7168928536	kurt mehlhorn	78	0.1849024597	kurt mehlhorn	78	0.1766612642
1995	kurt mehlhorn	78	,0.7464644170179111	kurt mehlhorn	78	0.7444162607	kurt mehlhorn	78	0.1727941176	kurt mehlhorn	78	0.1632889404
1996	kurt mehlhorn	78	,0.7414604236343362	kurt mehlhorn	78	0.7395544407	kurt mehlhorn	78	0.1726121979	kurt mehlhorn	78	0.162601626
1997	kurt mehlhorn	78	,0.7392821031344795	kurt mehlhorn	78	0.7376477362	kurt mehlhorn	78	0.1702022694	kurt mehlhorn	78	0.1603159851
1998	kurt mehlhorn	78	,0.7522220769884322	kurt mehlhorn	78	0.7508389067	kurt mehlhorn	78	0.1509500352	kurt mehlhorn	78	0.1402419091
1999	kurt mehlhorn	78	,0.6919908595016949	kurt mehlhorn	78	0.6946175944	kurt mehlhorn	78	0.1498740554	kurt mehlhorn	78	0.1386946387
2000	kurt mehlhorn	78	,0.46487524017240545	kurt mehlhorn	78	0.6946175944	kurt mehlhorn	78	0.1484728507	kurt mehlhorn	78	0.1386946387
2001	paul g. spirakis	487	,0.34718014519841767	kurt mehlhorn	78	0.6946175944	paul g. spirakis	487	0.1549019608	kurt mehlhorn	78	0.1386946387
2002	paul g. spirakis	487	,0.4146563585756595	kurt mehlhorn	78	0.6946175944	paul g. spirakis	487	0.1646341463	kurt mehlhorn	78	0.1386946387
2003	paul g. spirakis	487	,0.33164958074612483	kurt mehlhorn	78	0.6946175944	paul g. spirakis	487	0.1642521934	kurt mehlhorn	78	0.1386946387
2004	paul g. spirakis	487	,0.2577308269130738	kurt mehlhorn	78	0.6946175944	paul g. spirakis	487	0.1701605288	kurt mehlhorn	78	0.1386946387
2005	paul g. spirakis	487	,0.25433668387337355	kurt mehlhorn	78	0.6946175944	paul g. spirakis	487	0.1711466485	kurt mehlhorn	78	0.1386946387
2006	paul g. spirakis	487	,0.21292611924632301	kurt mehlhorn	78	0.6946175944	paul g. spirakis	487	0.1523286303	kurt mehlhorn	78	0.1386946387
2007	paul g. spirakis	487	,0.16546886428937868	kurt mehlhorn	78	0.6946175944	moti yung	523	0.1535087719	kurt mehlhorn	78	0.1386946387
2008	kurt mehlhorn	78	,0.14625303923610009	kurt mehlhorn	78	0.6946175944	paul g. spirakis	487	0.1579888268	kurt mehlhorn	78	0.1386946387
2009	moti yung	523	,0.14619635949276355	kurt mehlhorn	78	0.6946175944	moti yung	523	0.1789075052	kurt mehlhorn	78	0.1386946387
2010	moti yung	523	,0.14789387801434667	kurt mehlhorn	78	0.6946175944	moti yung	523	0.1888493212	kurt mehlhorn	78	0.1386946387
2011	moti yung	523	,0.13435697712169947	kurt mehlhorn	78	0.6946175944	moti yung	523	0.1891085032	kurt mehlhorn	78	0.1386946387
2012	moti yung	523	,0.15729606663021878	kurt mehlhorn	78	0.6946175944	moti yung	523	0.1936928168	kurt mehlhorn	78	0.1386946387

2013	moti yung	523	,0.13584723399830803	kurt mehlhorn	78	0.6946175944	moti yung	523	0.1982981872	kurt mehlhorn	78	0.1386946387
2014	moti yung	523	,0.12148516170983134	kurt mehlhorn	78	0.6946175944	moti yung	523	0.2002439875	kurt mehlhorn	78	0.1386946387
2015	moti yung	523	,0.10838270974380236	kurt mehlhorn	78	0.6946175944	moti yung	523	0.2030149921	kurt mehlhorn	78	0.1386946387
2016	paul g. spirakis	487	,0.10462042914564276	kurt mehlhorn	78	0.6946175944	moti yung	523	0.2061455611	kurt mehlhorn	78	0.1386946387
2017	paul g. spirakis	487	,0.10224750272008258	kurt mehlhorn	78	0.6946175944	piotr indyk	1198	0.2096822995	kurt mehlhorn	78	0.1386946387
2018	paul g. spirakis	487	,0.09930680582072106	kurt mehlhorn	78	0.6946175944	ioannis chatzigiannakis	2662	0.2229739889	kurt mehlhorn	78	0.1386946387
2019	ioannis chatzigiannakis	2662	,0.11971572338468926	kurt mehlhorn	78	0.6946175944	ioannis chatzigiannakis	2662	0.2316098276	kurt mehlhorn	78	0.1386946387
2020	ioannis chatzigiannakis	2662	,0.10714541325376692	kurt mehlhorn	78	0.6946175944	ioannis chatzigiannakis	2662	0.2318596491	kurt mehlhorn	78	0.1386946387
2021	ioannis chatzigiannakis	2662	,0.09954252305149087	kurt mehlhorn	78	0.6312151834	ioannis chatzigiannakis	2662	0.2328573353	kurt mehlhorn	78	0.1380858827
TEMPORAL GRAPH												
delta	1	2	4	8	16	32	50					
CLOSENESS												
1	james worrell 0001	james worrell 0001	james worrell 0001	james worrell 0001	james worrell 0001	james worrell 0001	james worrell 0001					
2	fedor v. fomin	fedor v. fomin	fedor v. fomin	fedor v. fomin	fedor v. fomin	fedor v. fomin	fedor v. fomin					
3	paul g. spirakis	kurt mehlhorn	kurt mehlhorn	kurt mehlhorn	kurt mehlhorn	kurt mehlhorn	kurt mehlhorn					
4	mohammad taghi hajiaghayi	paul g. spirakis	paul g. spirakis	paul g. spirakis	paul g. spirakis	paul g. spirakis	paul g. spirakis					
5	kurt mehlhorn	mohammad taghi hajiaghayi	mohammad taghi hajiaghayi	mohammad taghi hajiaghayi	mohammad taghi hajiaghayi	mohammad taghi hajiaghayi	mohammad taghi hajiaghayi					
BETWEENESS												
1	fedor v. fomin	fedor v. fomin	fedor v. fomin	fedor v. fomin	fedor v. fomin	fedor v. fomin	fedor v. fomin					
2	martin grohe	ivona bezáková	karl bringmann	karl bringmann	karl bringmann	kurt mehlhorn	kurt mehlhorn					
3	karl bringmann	petteri kaski	anca muscholl	kurt mehlhorn	kurt mehlhorn	karl bringmann	karl bringmann					
4	james worrell 0001	karl bringmann	ivona bezáková	mikolaj bojanczyk	mikolaj bojanczyk	mikolaj bojanczyk	mikolaj bojanczyk					
5	amir abboud	subhash khot	mikolaj bojanczyk	ivona bezáková	ivona bezáková	ivona bezáková	ivona bezáková					