

## Communities ID Cards

This document gather the “ID Cards” of the CC communities found within your database.

The CC network was built by keeping a link between articles sharing at least 10 references. The communities characterized here correspond to the ones found in the level 0 (in the sense of the Louvain algo) which gathers more than 0 articles.

These ID cards displays the most frequent keywords, subject categories, journals of publication, institution, countries, authors, references and reference journals of the articles of each community. The significance of an item  $\sigma = \sqrt{N}(f - p) / \sqrt{p(1 - p)}$  [where  $N$  is the number of articles within the community and  $f$  and  $p$  are the proportion of articles respectively within the community and within the database displaying that item ] is also given (for example  $\sigma > 5$  is really highly significant).

Table 1: The community 0 - “REMANUFACTURING” contains  $N = 1$  articles. Its average internal link weight is  $\langle \omega_{in} \rangle \simeq 1/ - 9999$ 

Keyword	f(%)	$\sigma$	Institution	f(%)	$\sigma$
REMANUFACTURING	53.85	33.02	PENN STATE UNIV	19.51	60.06
REVERSE LOGISTICS	15.38	13.68	INSEAD	17.07	48.62
CLOSED-LOOP SUPPLY CHAINS	15.38	13.65	SMEAL COLL BUSINESS	12.20	46.96
CASH SUPPLY CHAIN	10.26	16.95	GEORGIA INST TECHNOLOG	12.20	28.73
SIMULATION	10.26	4.28	COLL MANAGEMENT	12.20	29.74
QUEUEING	10.26	14.99	COLL BUSINESS	12.20	22.14
PRICING	10.26	3.24	UNIV MARYLAND	9.76	28.78
PRODUCT ACQUISITION			SCH MANAGEMENT	9.76	16.39
MANAGEMENT	7.69	17.82	LONDON	7.32	25.95
PRODUCTION PLANNING	7.69	7.42	DEPT MANAGEMENT	7.32	10.95
MODULAR DESIGN	5.13	12.87	UNIV WESTERN ONTARIO	7.32	25.95
VALUE OF INFORMATION	5.13	5.18	ROBERT H SMITH SCH BUSINESS	7.32	25.95
PRODUCT RECOVERY	5.13	11.72	DEPT SUPPLY CHAIN & INFORMAT		
CITATION ANALYSIS	5.13	4.86	SYST	7.32	40.76
SUPPLY CHAIN MANAGEMENT	5.13	-1.23	DUQUESNE UNIV	4.88	36.80
BIBLIOMETRIC TECHNIQUES	5.13	6.09	DEPT IND & SYST ENGN	4.88	23.22
QUALITY GRADING	5.13	18.69	UNIV PENN	4.88	14.92
FEDERAL RESERVE SYSTEM	5.13	11.08	COLORADO STATE UNIV	4.88	30.03
COMPETITION	5.13	2.45	SMEAL COLL BUSINESS ADM	4.88	63.80
CROSS SHIPPING	5.13	13.14	WHARTON SCH	4.88	15.13
ASSEMBLY LINES	5.13	15.67	UNIV MIAMI	4.88	24.05
Subject	f(%)	$\sigma$	Country	f(%)	$\sigma$
Operations Research & Management Science	100.00	0.00	Usa	65.85	32.56
Engineering, Manufacturing	68.29	4.57	France	17.07	44.99
Management	31.71	-4.58	Canada	12.20	19.18
			Turkey	2.44	10.55
			Italy	2.44	12.44
			Singapore	2.44	7.00
			Greece	2.44	14.98
			England	2.44	5.17
Journal	f(%)	$\sigma$	Author	f(%)	$\sigma$
PROD OPER MANAG	68.29	4.57	Guide VDR	31.71	32.22
J OPER MANAG	21.95	-3.94	Souza GC	21.95	26.04
M&SOM-MANUF SERV OP	9.76	-0.62	Van Wassenhove LN	17.07	10.79
			Sriskandarajah C	9.76	7.41
			Akcali E	9.76	27.09
			Ketzenberg ME	9.76	11.33
			Atasu A	9.76	10.52
			Ferguson M	7.32	10.05
			Toktay LB	7.32	8.11
			Ferguson ME	4.88	6.56

Reference	f(%)	$\sigma$
Guide VDR, 2000, J OPER MANAG (18), 467	82.93	428.49
Guide VDR, 2001, PROD OPER MANAG (10), 142	75.61	433.89
Thierry M, 1995, CALIF MANAGE REV (37), 114	41.46	226.67
Guide v d r JR, 2003, Manufacturing & Service Operations Management (5), 0	39.02	275.59
Savaskan RC, 2004, MANAGE SCI (50), 239	34.15	208.39
Fleischmann M, 1997, EUR J OPER RES (103), 1	34.15	169.01
Van der laan E, 1999, MANAGE SCI (45), 733	24.39	190.56
Toktay LB, 2000, MANAGE SCI (46), 1412	21.95	163.78
Klausner M, 2000, INTERFACES (30), 156	21.95	262.80
Guide VDR, 2000, INTERFACES (30), 125	21.95	178.23
Ray S, 2005, Manufacturing & Service Operations Management (7), 0	19.51	232.99
Guide VDR, 1998, J OPER MANAG (16), 551	19.51	188.42
Ferrer G, 2001, PROD OPER MANAG (10), 112	19.51	139.57
Majumder P, 2001, PROD OPER MANAG (10), 125	19.51	130.98
Krikke HR, 1999, OR SPEKTRUM (21), 381	19.51	211.85
Guide jr v d R, 2003, BUSINESS ASPECTS CLO (0), 0	19.51	161.38
Fleischmann M, 2001, PROD OPER MANAG (10), 156	17.07	130.20
Guide VDR, 2003, J OPER MANAG (21), 259	17.07	105.17
Debo LG, 2005, MANAGE SCI (51), 1193	17.07	92.23
Dekker R, 2004, REVERSE LOGISTICS QU (0), 0	17.07	103.87
Blackburn JD, 2004, CALIF MANAGE REV (46), 6	14.63	88.66
Fleischmann M, 2000, THESIS ERASMUS U ROT (0), 0	14.63	146.14
Ferguson ME, 2006, PROD OPER MANAG (15), 351	14.63	101.65
Souza GC, 2002, PROD OPER MANAG (11), 231	14.63	126.90
Guide VDR, 1999, ROBOT CIM-INT MANUF (15), 221	12.20	178.57
RefJournal	f(%)	$\sigma$
MANAGE SCI	60.98	30.43
J OPER MANAG	60.98	41.89
PROD OPER MANAG	58.54	37.56
CALIF MANAGE REV	46.34	48.03
INTERFACES	41.46	47.50
EUR J OPER RES	41.46	32.26
INT J PROD RES	31.71	34.45
Manufacturing & Service Operations Management	29.27	27.10
OPER RES	26.83	18.50
HARVARD BUS REV	26.83	18.81