		Haque & Armstrong		EJOR				"A survey of the machine interference problem"								
#v3	#v2	Authors	Year	Jrnl	Queue			Server	Discipline	Patrol	Heterog	Spare	k/n	Arrive	StDep	Opt
12	12	Abdekhodaee Wirth	2002	COR	D	D	1		x							tot op
13	13	Abouelata	1992	MR	Hr	M	r							b & r		
14	14	Agnihothri	1989	NRL	G	G	r									x
15	15	Akhtar	1994	TR	M	M	1		x				x			x
16	16	Albright	1980	NRL	M	M	r					warm		x		disc $
17	17	Alfa Isotupa	2004	COR	M	Ph	r							retry		
18	18	Almasi	1996	CMA	M	M	1	dbl fail								
19	19	Almasi Bolch Sztrik	2004	JMS	M	M	1				x			retry		
20	20	Almasi Sztrik	1993	CMA	M	M	1	dbl fail								
21	21	Almasi Sztrik	1998	JMS	M	M	1	dbl fail	x	x	x					
22	22	Almasi Sztrik	1998	JMSb	M	M	1	dbl fail	x		x					
23	23	Almasi Sztrik	1999	CMA	M	M	1	dbl fail			x					
24	24	Almasi Sztrik	2004	JMS	M	M	1	dbl fail			x					
25	25	Alseedy	1992	MR	M	E	1							balk		
26	26	Alseedy	1995	MR	M	M	r	r & h				cold		balk		
27	27	Alseedy Alibraheem	2001	IJMMS	Hr	M	1	res				cold		b & r	x	
28	28	Armstrong	2002	EJOR	G	M	r							x		avg $
29	29	Artalejo	1998	JKMS	M	G	r							retry		
30	30	Bahnasawi Mahmoud Eid	1996	CIE	M	M	1		x	x						avg $
31	31	Bahnasawi Mahmoud Eid	1997	SPT	M	M	1		x							
32	32	Bunday Bokhari	1997	AMM	G	M	r		x		x					
33	33	Bunday Elbadri	1984	EJOR	M	D	1			x						
34	34	Bunday Elbadri	1985	SAA	M	M	1									tran
35	35	Bunday Elbadri	1985	IJPR	M	D	1			x						
36	36	Bunday Elbadri	1985	IJPRb	M	D	1			x						
37	37	Bunday Khorram	1988	IJPR	G	M	r				x					
38	38	Carmichael	1987	ZOR	E	E	1									
39	39	Chakka Mitrani	1994	TCS	M	M	1				x					tot op
40	40	Chakravarthy Agarwal	2003	NRL	M	Ph	1	fail								avg $
41	41	Chakravarthy Krishnamoor	2001	JAMSA	M	Ph	1	r & f					x			x
42	42	Chandra	1986	JORS	M	*	1		x							
43	43	Chandra Sargent	1983	MS	M	G	1		x		x					
44	44	Cheng Zhang	2001	IJSS	M	M	1		x				x			x
45	45	Ching	2001	IJPE	M	E	r									avg $

46	46	Crabhill	1974	OR	M	M	1					cold		x	avg $
47	47	Das Wortman	1992	NRL	*	*	1	vac	x	x	x				
48	48	Das Wortman	1993	EJOR	M	G	1		x	x	x				
49	49	Desruelle Steudel	1996	MS	M	G	1	*							
50	50	Drekic Grassmann	2002	AOR	M	M	1	x	x		x				
51	51	Falin	1999	MCM	M	M	r						retry		
52	52	Falin Artalejo	1998	EJOR	M	G	1						retry		
53	53	Ferdinand	1971	ISJ	M	M	1								
54	54	Frostig	1993	JAP	M	M	r		x		x				disc op
55	55	Frostig	1999	EJOR	M	M	1		x		x			x	
56	56	Gaver Morrison Silveira	1993	SJAM	M	M	1		x		x				
57	57	Goheen	1977	OR	E	E	r	het	x			cold			avg $
58	58	Gopalan Anantharaman	1991	SAA	M	G	1								tran
59	**new**	Gross Kahn Marsh	1977	NRL	M	M	r					cold			avg $
60	59	Gupta	1994	MR	M	M	r					warm			
61	60	Gupta	1997	PE	M	M	1	vac				warm			
62	61	Gupta Srinivasarao	1994	COR	M	G	1								
63	62	Gupta Srinivasarao	1996	PE	M	G	1							x	
64	63	Gupta Srinivasarao	1996	EJOR	M	G	1					cold			
65	64	Haryono Sivazlian	1985	MCS	G	G	r					cold			
66	**new**	Hilliard	1976	IIE	M	M	r					cold			avg $
67	65	Hsieh	1997	MR	M	M	1		x						avg $
68	66	Hsieh Wang	1995	MR	M	M	1	res				warm			
69	67	Iravani Duenyas Olsen	2000	OR	M	M	r		x						avg $
70	68	Iravani Kolfal	2005	ORL	M	M	1		x		x				avg $
71	69	Jain	1993	MR	Gx	G	r					cold			
72	70	Jain	1997	MR	G	G	r					warm		x	
73	71	Jain Rakhee Maheshwari	2004	AMM	M	M	1	res				warm	reneg		x
74	72	Jain Sharma Moses	2004	JRAPS	M	M	r					w & c		x	
75	73	Jain Sharma Singh	2002	IJETB	G	G	r	res				warm	balk	x	
76	74	Jain Sharma Singh	2002	IJETBb	G	G	r	res				warm		x	
77	75	Jain Sharma Singh	2003	Ops	M	M	r		x			cold	b & r		avg $
78	76	Kameda	1982	JACM	M	M	1		x		x				
79	77	Karmeshu	1990	Sad	M	M	1							x	
80	78	Karmeshu Jaiswal	1981	IJSS	M	M	r							x	tran
81	79	Ke Wang	1999	JORS	M	M	r	fail					b & r		avg $

82	80	Knessl	1991	AAP	M	M	1								tran
83	81	Knessl	1994	SJAM	M	G	1								tran
84	82	Koulamas	1992	IJSS	D	D	1		x						tot op
85	83	Koulamas	1996	COR	D	D	1		x						tot op
86	84	Koulamas Smith	1988	IJPR	D	D	1		x						tot op
87	85	Krishnamoorthy Ushakuma	2001	COR	M	M	1	res					x	x	avg $
88	86	Kryvinska	2004	TS	M	G	1								
89	87	Lam Ng	2001	EJOR	M	M	1		x				x	x	x
90	88	Lam Zhang	2000	NRL	M	M	1		x				x	x	x
91	89	Langaris Katsaros	1997	JORSJ	M	G	1	vac							
92	90	Lazar	1983	TAC	M	M	1							x	
93	91	Lee Yoon Lee	1995	AMM	M	M	r					cold			
94	92	Lehtonen	1984	NRL	M	M	1		x		x				
95	93	Li Yang	1995	EJOR	M	G	1	vac					retry		
96	94	Liu Cao	1994	MR	M	G	1	fail							
97	96	Mittler Kern	1997	EJC	G	G	1			x					
98	97	Ohmura Takahashi	1985	ECJ	M	G	1						retry		
99	98	Palesano Chandra	1986	IJPR	M	*	1		x						
100	99	Posafalvi Sztrik	1989	EJOR	M	M	1		x		x				
101	100	Posafalvi Sztrik	1989	JORS	M	M	1		x		x				
102	101	Righter	1996	JAP	M	M	1		x		x				avg op
103	102	Rossetti Clark	1998	CIE	M	M	r		x						
104	103	Seal	1995	IJOPM	M	G	1								
105	104	Shao Lamberson	1991	TR	M	M	r						x	x	x
106	105	Sharma Dass	1988	SAA	M	M	r								tran
107	106	Shawky	1997	MR	M	M	1	res					b & r		
108	107	Shawky	2000	Ops	M	M	r					cold	b & r		
109	108	Shawky	2001	CKMS	Hr	M	r						b & r		
110	109	Singh Sharma	1993	MR	Mx	E	1					cold			
111	110	Sivazlian Wang	1989	MR	M	M	r					warm			avg $
112	111	Sivazlian Wang	1989	MRb	G	G	r					warm			avg $
113	112	Sivazlian Wang	1990	NRL	G	G	r					warm			
114	113	SrinivasaRao Gupta	2000	CIE	M	G	1					warm			
115	114	Sztrik	1985	EJOR	G	M	r				x				
116	115	Sztrik	1988	JORS	G	M	r				x			x	
117	116	Sztrik	1990	Ser	G	M	r		x		x			x	

118	117	Sztrik	1992	TPA	M	M	r				w & h		x		
119	118	Sztrik	2002	JMS	M	M	1			x			x		
120	119	Sztrik Bunday	1993	AMM	M	M	r			x			x		
121	120	Sztrik Bunday	1993	EJOR	M	M	1						x		
122	121	Sztrik Kim	2003	MCM	M	M	1			x			x		
123	122	Sztrik Moller	2001	JMS	E	E	1			x		x	x	x	
124	123	Sztrik Moller	2002	YJOR	Ho	Ho	1		x	x			x		
125	124	Takagi	1992	JORSJ	M	G	1	vac							
126	125	Tosirisuk Chandra	1990	NRL	M	*	1		x						
127	126	Tosirisuk Chandra	1995	JORS	M	*	1		x						
128	127	Ushakumari Krishnamoorth	2004	PE	M	M	1	vac				x			x
129	128	Vanderduynschouten Warte	1993	NRL	G	G	1				cold		x		avg $
130	129	Wang	1990	JORS	M	M	1	fail							avg $
131	130	Wang	1993	MR	M	M	r				w & c				avg $
132	131	Wang	1994	MR	M	M	r				cold				avg $
133	132	Wang	1994	JORS	M	M	r	fail			warm				avg $
134	133	Wang	1994	CIE	M	E	1				warm				
135	134	Wang	1995	MR	M	M	r				w & w		x		avg $
136	135	Wang Hsu	1995	MR	M	M	r	fail					x		avg $
137	136	Wang Kuo	1997	CIE	M	E	1	fail							avg $
138	137	Wang Lee	1998	MR	M	M	r		x		cold				avg $
139	138	Wang Sivazlian	1990	CIE	G	G	r								
140	139	Wang Sivazlian	1992	MR	M	M	r				warm		x		avg $
141	140	Wang Wu	1995	JORS	M	M	r		x		warm				avg $
142	141	Wartenhorst	1995	EJOR	M	M	r								
143	142	Yam Zuo Zhang	2003	RESS	M	M	1		x			x			
144	143	Yamashiro Yuasa	1996	MR	M	M	1	res							
145	144	Yang Fu Yang	2002	PPC	Ac	Ac	1	res	x						x
146	145	Younis Hamed	1997	IJSS	M	M	1	fail							avg $

95 deleted

Combo	#v3	Notes
	12	2 machines, min makespan
	13	
	14	gen relations
	15	
	16	prev maint
	17	
mip	18	double: terminals & CPU fail
	19	
mip	20	double: terminals fail
mip	21	double: terminals & CPU can fail, polling
mip	22	double: terminals & CPU can fail, compares disciplines
mip	23	double: terminals & CPU can fail, compares disciplines,
mip	24	double: terminals & CPU can fail, compares disciplines
	25	
	26	hetro svr
	27	2 svc rates
x	28	age repair, IFR
	29	
	30	2 fail modes
	31	2 fail modes
	32	SIRO discipline
	33	
	34	transient analysis
	35	repair may not succeed
	36	repair may not succeed
	37	SIRO discipline
	38	
queue	39	shared open job queue in front of machines
	40	server fails
	41	server fails, server vacations w/recall
	42	Hr & Ho, compares disciplines
	43	
	44	consecutive k/n:F
	45	also 2 stage repair with parallel svrs/stage

	46	multiple svc rates
	47	machines are k-out-of-n:G systems, repairs may fail, server walk time & vacations, compares disciplines
	48	repair may not succeed, compares disciplines, Markov schedules
	49	service is multistep Q NW
queue	50	1 class is external infinite source
	51	
	52	
	53	asymptotic approximations
	54	
	55	range of svc rates
	56	dynamic priority, compares disciplines
	57	heterog servers
	58	transient analysis
	59	requires 90% fill rate for spares
	60	compares to open queue balk reneg
	61	svc vacation
	62	
	63	arrival rate depends on queue
	64	
	65	
	66	
	67	2 fail modes, which to repair first?
	68	svr 0 regular, 1 reserve
prod	69	adds make to stock production & inventory
	70	
	71	bulk arrivals
	72	2 arr & 2 svc rates depend whether system is short
	73	svr 0 regular, 1 reserve, transient (MTTF),
	74	controllable arr & svc rates
	75	
	76	2 arr & 2 svc rates depend whether system is short
	77	2 fail modes
	78	compares disciplines
	79	multiple svc rates
	80	arr rate changes over time, svc rates changes over time & queue length, transient
	81	svrs fail

82 transient
83 transient
84 MEP
85 2 machines, MEP, list schedule
86 look ahead MEP
87 load sharing k/n:G arr rate, server called when queue=D
88 telecom service
89 load sharing k/n:F, Markov dependence
90 load sharing k/n:F, Markov dependence
91 server vacations, gated service
92 multiple svc rates
93 compares 2 diffusion approx
94
95 svr vacation may start upon machine arrival (setup)
96 svr is k/k:G serial system, its components self repair
97 discrete time
98
99 M & D & Hr & Ho, many fail modes
100 2 machine classes
101 2 machine classes
102 max availability by sequencing
103 2 fail modes, one is d/d/r
104 discrete time, spreadsheet approx
105 load sharing
106 transient analysis
107
108
109
110 batch arrivals
111
112
113
114
115
116 arr & svc rates depend on queue length
117 arr & svc rates depend on queue length, SIRO discipline

	118	rates depend on Markov environment
	119	rates depend on Markov environment
	120	rates depend on Markov environment
	121	rates depend on Markov environment
	122	rates depend on Markov environment
	123	rates depend on Markov environment
	124	compares disciplines
	125	server vacations
	126	M & E & Hr, dyn pri
	127	M & E & Hr, multiple pri classes, dynamic wrt wait time
	128	k/n:G, server on/off based upon #fails & time
	129	1 mach + 1 spare, control svc rate given svc work needed
	130	srvr fail: anytime or while busy
	131	
	132	2 fail modes
	133	srvr fail anytime
	134	
	135	2 spare types, 2 svc speeds
	136	2 svc speeds, srvr can fail
	137	srvr fail
	138	many fail modes
	139	
	140	2 svc rates
	141	2 fail modes
queue	142	machines serve external queues, derives q length
	143	circular consecutive k/n:F
	144	
prod	145	case study, m2r1 +floating srvr
	146	svr can fail