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# Published Papers

## A.

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A2 E Ba a P D a T b E	Ta a E A M b FF Fa Ta a a Y a O a a A S a	A a G P - a R 2012, CD-ROM (2012) . AJCPP2012-076
A3 G a H -F P D - a G b T a S a	Ta a E K Ka Y Ha a Ta a a M a a R a Oba a	2012 I a W F D a P , USB Memory (2012) . 4T -a -5
A4 Eff a fi a a a a FIREX-I a	H Sa a a A S a a a T a a H Na a	La a Pa B a , 30, 1 (2012) . 103-109
A5 G a a a a a a a a	A S a a a T a a H Na a K M a	La a Pa B a , 30, 1 (2012) . 95-102
A6 G a ff a a a a a a	H Sa a a Ka O a a Y a a Ka a T Ta T a	La a Pa B a , 30, 2 (2012) . 189-197
A7 X- a ba a a - a a b J- a a LFEX	S O a S F a A S a a a T a a H Na a Sa Ma N M J Ka a a a Y Na a a N a M a a a H S a a H Fa N a H A	a A P , 112, 6 (2012) . 063301-1-063301-6

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A8 GEKKO-LFEX	S. F. Z. N. S. Y. Ka. F. A. Ya. K. Y. Y. J. H. H. Ta. H. H.	Pa a P, a G, F - , 54, 12 (2012) . 124042-1-124042-8

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A9 I a b G XII a LFEX a	H S a a S F a M Na a Ta Wa a H a Na a a Ya b A a a H a H a Ta a Na a Ma K a H K Y I Ta S S K S H Fa N a Z Z a M Ta ab S O a Y a F Ta a Na Y Sa a a O a Ma a a T O a Ka A. Ta a a H a Haba a I I a a Ka S S a a H Na a a S a A S a a a Ma a a M a a H Sa a a Ta Ta Ta a N a a H H a Ya F A I a N a M a a a J Ka a a a Ta a J Y Na a a K T ba K S a N M Sa Ma T Ka a a K b Sa a Ka T H a M a a Ta a Ka ab K K R K a a N b Sa a S S K M a H A	H E D P , 8, 3 (2012) . 227-230
A10 Eff Ra a I a a E F - S G S H P Ba T : A G a a S	Ta IWAMOTO Ta a Y a a	M a Ma a , 51 (2012) . 97-109
A11 A a a a - TRIP a a a a	Ta IWAMOTO S Ya a a a A R	P . P a , 2012, (2012)
A12 A a a a - a b a a TRIP a -	Ta IWAMOTO S - a Ha L S	P . DYMAT2012, EPJ W b G , 26 (2012) . 01004- 1-01004- 5
A13 N a a a a a b b a a a	Ta I a R A. Ib a Y Ha a a Ta K a a	a F M a , 700 (2012) . 304-328

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A14	Ta a I a Y Ha a a Ra A. Ib a	P I a a G S a N - a D a a D a (IC- SNDD2012), (2012)
A15	Ta a I a Y Ha a a S a N a	P I a a D E T a G & G a I a E - (IDETC/CIE 2012), (2012)
A16	Ta a I a Y Ha a a Y I a	P I a a D E T a G & G a I a E - (IDETC/CIE 2012), (2012)
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A23	X L Ka Na a a K a I	a A a M a a D , S , a Ma a - (JSME), 6, 4 (2012) . 498-512
A24	X L Ka Na a a K a I	P I a I M a a E , Pa C: a M a a E - S , 0954406212454372 (2012)
A25	S a a a Ka Na a a K a I X L	P I T, 2 I F F M M A a G M a a Ma S , N b 7- 10, 2012, F F , Ja a , (2012)
A26	Ta a N a Ka Na a a K a I Da T a	P I T, 2 I F F M M A a G M a a Ma S , N b 7- 10, 2012, F F , Ja a , (2012)
A27	A a a Ya a K a I Ka Na a a Q Fa Ma a Ka a a	P I T, 2 I F F M M A a G M a a Ma S , N b 7- 10, 2012, F F , Ja a , (2012)

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A29 S S a S T a D a E	E Ka H Ta E N Ka a M a a a	ASME 2012 I - a S F b A a , (2012)
A30 N a a b fi a fi	O a a Ma	F S a T - , 7, 3 (2012) . 374-388
A31 A a a fi a	O a a T O a a a a	F S a T - , 7, 3 (2012) . 358-373
A32 F S a E a a M - B I b -T N DISI E	Ma a C a S F a K a Sa Ta a F a a R C Z L Ja Ta K a N a	SAE I a a E - , 5, 4 (2012) . 1836-1846
A33 D S a E I -C E (Va a E -S a C a b ) R NO a CO2 E Ga M a D (Va a E -S a C a b )	Sa -K K Da S M Ka K	E I a M a A a E S (COMODIA 2012), CI2-4 (2012) . 218-225
A34 E a a M a B F S a I b -T I D.I. Ga E	K a Sa Ma a C a Y a Wa Ta a F a a K a K a K a N a Z L	E I a M a A a E S (COMODIA 2012), SI2-4 (2012) . 622-627
A35 S a , I a B a D F U a -H I P	O a Ab F a K J Z K a N a Wa a Wa Z a H a	E I a M a A a E S (COMODIA 2012), SP3-1 (2012) . 674-679
A36 PIV S Ga N -E a a S a a E a a G a	J Z K a N a O a Ab F a K	USB P 12 I - a a G L A a S a S (ICLASS 2012), (2012) . 1-8
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A38 F S a E a a M - B I b -T N DISI E	Ma a C a S F a K a Sa Ta a F a a R C Z L Ja Ta K a N a	CD-ROM P 2012 S a E T G - , SAE 2012-32-0018 / JSAE 20129018 (2012) . 1-14

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A40 C A a G B a a R S a	Ka O a Ya a C a M a Ma a	P a 12 I a - a G I a A S , (2012)
A41 N A a T - a T a P D - a F I	Ma a Fa -Fa X a Ya a Ka O a	P T B - a I a S 2012, (2012) . 728-732
A42 Rfb R L a T - B a R a G - S a S a M -R S	Ya a Ka Ka O a	P a SICE A a G 2012, (2012) . 1552-1557
A43 E a F a S b - a E a R S a b I - G S	Ka O a Ya a Ma a	P a 2012 I W G Na a B a I G (NaBIC), (2012) . 112-117
A44 G a T a b a S a R S Ba CMA-N FES A - Fa	T a Y T F a Ya a Ka O a Ma a Ma a G a	P a 16 A a Pa fi S I a E a S , (2012) . 1-7
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A52 OBSERVATION OF BELAG FOR- MATION ON COATED TOOLS BY TEM	R a S H U S Na a a Ka K a Ma a I a a T a Ka Ma Ha a Ya Ya a	P a Ma T - (2012) . 43-46
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<b>A55</b> BEHAVIOR OF AIR-PERMEABILITY IN SURFACE FINISHING OF POROUS BUSHING FOR AEROSTATIC BEARINGS	K Ya a a Ka S a Ya Ya a	P Ma T , (2012) . 157-160
<b>A56</b> RELATIONSHIP BETWEEN DYNAMIC COMPONENTS OF CUTTING FORCE AND ADHESION ON TOOL-CHIP INTERFACE IN MACHINING T-6A-4V ALLOY	Ka S a T Ta a R T a K Ya a a Ya Ya a	P Ma T , (2012) . 191-194
<b>A57</b> S T a a S a B a S La S P	M Sa Ab A Ta a F Ta a U a Sa Ab A a H a a R Ta a a	K E Ma a , <b>516</b> (2012) . 203-208
<b>A58</b> P-G D La C a B Ma a b U M L	Ta a I a a Ta a U a Ta a F A a H a a R Ta a a	a A a M a a D , S , a Ma a - , <b>6, 6</b> (2012) . 841-848
<b>A59</b> D a a a - A a CBN a R C a D - a -	H N T R Ta a a A a H a a Ta a U a Ta a F	a A a M a a D , S , a Ma a - , <b>6, 6</b> (2012) . 916-922
<b>A60</b> F P a G C a Fa P b a M D	Ta a F Ta a U a A Da K A a H a a R Ta a a	a Ma a P T , <b>212</b> , 10 (2012) . 2154-2160
<b>A61</b> T a G a G a Ma a ab a a S La M	M R a A a Ta a F Ta a U a A a H a a R Ta a a M Sa Ab A	K E Ma a , <b>523-524</b> (2012) . 244-249
<b>A62</b> C P a C a T M S	R Ta a a A a H a a Ta a F Ta a U a	K E Ma a , <b>523-524</b> (2012) . 493-496
<b>A63</b> D a P a S P M T	Ya Ya a Ka T a a K Ha a a Ka M a a S N B a a L a D a a A Ca a a	P T 13 A a Pa- fi I a E a Ma a S G a (APIEMS 2012), (2012) . 1796-1807

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<b>B5</b> D H a S M Na Ga H La W M	R a P a M a Ya a K S a M Ya a K a Ka	P . V a -JW 2012, (2012) . 71-72
<b>B6</b> D H Eff H W -La W Na Ga W	R a P a M a Ya a K S a M Ya a K a Ka A N a S T a	P . V a -JW 2012, (2012) . 73-74
<b>B7</b> Fab a a a a b fib a a b a	G. Sa a Z. F. X Y. B. C K. S K. Ma	Ma a S , <b>706-709</b> (2012) . 699-703
<b>B8</b> B a a a a a a a a ab	K. Ma	a K a R M a - I , <b>19</b> (2012) . 127-133
<b>B9</b> D a a S O2 a b a	Y. B. C M. I a K. Ma G. Sa a	Ma a T a a , <b>53</b> , 9 (2012) . 1706-1709
<b>B10</b> S a a NITE-S C/S C a b a a	Y. B. C T. H K. O a a Y. Ka K. Ma T. K	Ma a T a a , <b>53</b> , 11 (2012) . 2060-2063
<b>B11</b> D a a a a a a a S C/S C	T. N a a K. O a a Y. B. C A. K a a H. Ta a a	F E a D , <b>87</b> , 5-6 (2012) . 803-807

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<b>B14</b> E a a T a a M a - a P U a CF/A G - a H a S	M L Y b C Ka Ma K S G Sa a	I a a U Ma a R a S - I a a G A a -2012, (2012) . W I3-3
<b>B15</b> M a a Ca Ma a Ca h /A G	O L M L K S Y b C G Sa a	I a a U Ma a R a S - I a a G A a -2012, (2012) . W I2-2
<b>B16</b> Fab a G Ca h F b A G b L P I fi a	G. Sa a M. H. L Y. B. C K. Ma	P . ECCM15 - 15, E - a G . G Ma - a , USB (2012)
<b>B17</b> O a P G CF/A G b L P - I fi a	G. Sa a M. H. L K. S Y. B. C K. Ma	P . P a 3 A a S Ma a & P - , ASMP 2012, USB (2012)
<b>B18</b> P a Ca h / A G - a b L P I fi a	G. Sa a M. H. L Y. B. C K. S K. Ma	P . CJCC-10, I a a a a a , a - a h a a , (2012) . 348-351
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<b>B21</b> S a Na a a L Ca h S W b F a D a - a	Y Ka K S H a K a G Sa a	I a a U Ma a R a S - I a a G A a 2012, (2012)
<b>B22</b> I fi a O Ca h b H a - O A a	T a M a a K S G Sa a H a K a T a O O a Ya a a a	I a a U Ma a R a S - I a a G A a 2012, (2012)
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<b>B24</b> E a a S a a D b S P A -S A T a E M I a	S Ma K S G Sa a	I a a U Ma a R a S - I a a G A a 2012, (2012)
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<b>B50</b> I a R a-T a N - D M B a P M a - La B a C I a a BNCT	M.Ta a a S.Ka a a M.S a R.F M.Na a a M.H A.Sa S.E T.Ha a S.A a A.H a a a	N . I . M ., A689 (2012) . 22-28
<b>B51</b> D b <SUP>60</SUP>G a H a	M. H G. Ma N. Sa M. H H. Ha a K. S a K. Ta a a S. E	A . Ra a I ., 70, 9 (2012) . 1974-1976
<b>B52</b> M a - - a NE213	T. Ka N. S K. I b a H. A a a R. C. Ha N. H a	Ra a M a , 47, 8 (2012) . 596-608
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<b>B54</b> S ba P 430SS S a C a A A S b U A a C S -S a R I a La	H. Ha a a K. Y a R. H F. Y a	P a I a - a G M a - , (2012)
<b>B55</b> T a a C a P a F E A a a E Va a HCP Ma a	R. P.R. Ca K a a a J W a T a U F a Y a	P a P a 2012: T 18 I a a S P a a I C A a - , (2012) . 4-6
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<b>B59</b> E a a a - a a -ba a a	Ya Ha K a a H Ha a a F a Y a	P a ICEC 2012: T 26 I a a G E a a , (2012) . 142-145
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D108 M $\mathbb{R}^n$ G $\mathbb{R}^n$ D $\mathbb{R}^n$ I a E a $\mathbb{R}^n$	A $\mathbb{R}^n$ T T a K $\mathbb{R}^n$ $\mathbb{R}^n$ Ha a a	$\mathbb{R}^n$ . ICCE2012, (2012) . 584-589
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D110 T $\mathbb{R}^n$ L a Q a a $\mathbb{R}^n$ a $\mathbb{R}^n$ P $\mathbb{R}^n$ - $\mathbb{R}^n$ a C a $\mathbb{R}^n$ G $\mathbb{R}^n$ S M $\mathbb{R}^n$ - b S a P b I $\mathbb{R}^n$ D ff a E a $\mathbb{R}^n$	Va D a a H $\mathbb{R}^n$ Fa M a a P S $\mathbb{R}^n$	SIAM J. G $\mathbb{R}^n$ a O $\mathbb{R}^n$ a $\mathbb{R}^n$ , 50, 1 (2012) . 448-470
D111 S a O $\mathbb{R}^n$ F ba H2/H $\infty$ G $\mathbb{R}^n$ - $\mathbb{R}^n$ I fi H $\mathbb{R}^n$ Ma $\mathbb{R}^n$ J L - a S $\mathbb{R}^n$ $\mathbb{R}^n$ S $\mathbb{R}^n$ M D $\mathbb{R}^n$ Ma	H $\mathbb{R}^n$ Fa M a a H a X F $\mathbb{R}^n$ Ya a $\mathbb{R}^n$ Va D a a	IEEE G $\mathbb{R}^n$ $\mathbb{R}^n$ D $\mathbb{R}^n$ a G $\mathbb{R}^n$ , (2012) . 6003-6008
D112 D $\mathbb{R}^n$ a H2 G $\mathbb{R}^n$ $\mathbb{R}^n$ M - $\mathbb{R}^n$ a S $\mathbb{R}^n$ $\mathbb{R}^n$ S a S a F - ba S a : A a $\mathbb{R}^n$ M $\mathbb{R}^n$ S	H $\mathbb{R}^n$ Fa M a a H Ta a a F $\mathbb{R}^n$ Ya a $\mathbb{R}^n$	A a G $\mathbb{R}^n$ G $\mathbb{R}^n$ , (2012) . 50-55
D113 Na $\mathbb{R}^n$ S a $\mathbb{R}^n$ $\mathbb{R}^n$ M $\mathbb{R}^n$ a a S - a P b Ma $\mathbb{R}^n$ J S $\mathbb{R}^n$ $\mathbb{R}^n$ a S $\mathbb{R}^n$ S a - a G $\mathbb{R}^n$ -D N	H $\mathbb{R}^n$ Fa M a a F $\mathbb{R}^n$ Ya a $\mathbb{R}^n$ Va D a a	A a G $\mathbb{R}^n$ G $\mathbb{R}^n$ , (2012) . 1621-1626
D114 La a $\mathbb{R}^n$ $\mathbb{R}^n$ $\mathbb{R}^n$ $\mathbb{R}^n$ $\mathbb{R}^n$ $\mathbb{R}^n$ a $\mathbb{R}^n$ $\mathbb{R}^n$ $\mathbb{R}^n$ $\mathbb{R}^n$ a	N $\mathbb{R}^n$ I $\mathbb{R}^n$ a a	S $\mathbb{R}^n$ $\mathbb{R}^n$ a P $\mathbb{R}^n$ a $\mathbb{R}^n$ A - a $\mathbb{R}^n$ , 122, 4 (2012) . 1248-1275
D115 I a $\mathbb{R}^n$ $\mathbb{R}^n$ $\mathbb{R}^n$ $\mathbb{R}^n$ $\mathbb{R}^n$ - $\mathbb{R}^n$ a $\mathbb{R}^n$ a $\mathbb{R}^n$ $\mathbb{R}^n$ $\mathbb{R}^n$ $\mathbb{R}^n$ - a	T Ma a a Ta K a	Pa $\mathbb{R}^n$ R $\mathbb{R}^n$ $\mathbb{R}^n$ , 45, 2 (2012) . 707-719
D116 D a $\mathbb{R}^n$ $\mathbb{R}^n$ O $\mathbb{R}^n$ $\mathbb{R}^n$ $\mathbb{R}^n$ D a Pa $\mathbb{R}^n$ a Ra $\mathbb{R}^n$ a $\mathbb{R}^n$ S $\mathbb{R}^n$ V $\mathbb{R}^n$ Ma $\mathbb{R}^n$ G $\mathbb{R}^n$ -A	M. S. Ka $\mathbb{R}^n$ a A. A a $\mathbb{R}^n$ A. Ta T. K M. Sa a a	BMC M a I a , 12, 1 (2012)

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D117 A a A a G F F P a S a N F - a Fa F - a a I a C a	K Wa a ab A H a a N F b O Ta K a	PEFS ONE, 7, 3 (2012)
D118 R a-T V D a S R a Ca a a B S Wa S	C T a a S a Ta a a H F F K N a Ta K a	SAE I a a a Pa - Ca - E . E . S , 5, 1 (2012) . 146-153
D119 A a a a a a a a a a	X G C M a A a A a A a Ta K a L a L	O a R , 19, 5 (2012) . 306-314
D120 M a a a a a a a a a a	L Ya A a A a L a L C M a A a Ta K a	IEICE T a . F F a a E , G a a G S , E95-A, 10 (2012) . 1759-1767
D121 R a-T V D a S R a Ca a a B S Wa S	C T a a S a Ta a a H F F K N a Ta K a	AE 2012 W F G & E - b , 2012, D (2012)
D122 R Fa R D b S a T a G a S a O a F O -B Fa Ca a	K N a J F Ta K b a a C T a a S a Ta a a Ta K a	P . IASTED I a a G S a P , Pa R a A a - (SPPRA2012), (2012)
D123 A a A Ma b a B U S V Ma a D a O	M.S.Ka a Ta K a A a A a A a Ta	P . 2012 IEEE I a a G S , Ma , a C b (SMC2012), O b 14-17, 2012, COEX, S , K a, (2012) . 214-219
D124 S a D a A a Ba B Ba a P P bab Ob- a b L I R	A H a a Ta K a	P . IAPR I a a W S a a S - a Pa R a (SSPR 2012) a S a a T Pa R (SPR 2012) M a a-I a , H a , a, 7-9 N b , 2012, (2012) . 648-656
D125 M V a G F T - A a T C a a	X G C M a A a A a A a Ta K a	A a I a T - a A G , 1 (2012) . 121-126
D126 S S Q Da a ba M Va	M . S A fi Ya M F	P . T 22 IEEE I - a a G F G F - T a A a (IC- CTA2012), (2012) . 24-29
D127 M a ba S a a - a S G a	M . A a a S - A Za a M . Ma b b I a Ya M F	P . T IEEE I - a a G F N - a G (ICNC 2012), (2012) . 188-194
D128 Pa R a a C - S a R a -Ba O S a N a	H F C Z C M . S A fi Ya M F	P . T IEEE I - a a G F N - a G (ICNC 2012), (2012) . 143-148

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<b>D129</b> S Q S a,a Ob : A M S S S a,a Ob Ba S E	Z C M . S A fi Ya M M	P T IEEE I - a a G N - a G (ICNC 2012), (2012) . 215-220
<b>D130</b> A S a,a S Q a G U Ha D ff R a	G Ma M . S A fi Ya M M	P T IEEE I - a a G N - a G (ICNC 2012), (2012) . 137-142
<b>D131</b> R a E R : L a Q S S a,a Ob	J X M . S A fi Z C Ya M M	P T IEEE I - a a G N - a G (ICNC 2012), (2012) . 278-282
<b>D132</b> D a F a G - a B a E Ba a D a Pa a T	M . S A fi Ya M M Z C	P T I a a G E a, G - a T a E - (ICECTE 2012), (2012) . 549-552
<b>D133</b> A -ba A S S G a C Da,aba	Ya M M M . A a a S - M . S A fi	I a a a a G a - S a E , 7, I (2012) . 73-81
<b>D134</b> Ma a M a G W b E	M . S A fi Ya M M	I a a a a G a - G a a N - R a , 1, 1 (2012) . 18-37
<b>D135</b> Effi - a S G - a H D a S a D - a R I	M . A a a S - Ya M M	a a G , 7, 3 (2012) . 608-615
<b>D136</b> S S Q I Da,a	M . S A fi Ya M M	I a a a a G a - S a I a T - , 4, 5 (2012) . 67-80

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E1 E a fi a a b a - a a	A. Yab S. Ta a a	Ma a R a B , 47, 12 (2012) . 4107-4111
E2 S a ab- b a b a	A. Yab K. O a	S , 59, 6 (2012) . 258-262
E3 D a b a - T O2 a a a a	. I M T. O A. P a K. O a a T. Sa Ka a Ta	A R T , 23, 1 (2012) . 55-63
E4 C O/WO3 a P/WO3 Na a a Effi a D a a V - b L I a a	H. W a a A. P a R. Ba T. O K. O a a	C a E a , 180, 15 (2012) . 323-329
E5 S A - Ca Pa a G ab S H T a A a	A. B. Na a A. S T. O T. I a K. O a a	G a S a A : P a a E A , 396, 20 (2012) . 96-105
E6 P a a a a a ba - a a - E , A a Ca a	T. O Y. K a ba Y. Ka W.N. Wa M. M. M K. O a a	Ma a C a a P , (2012)
E7 Na a a a a a PEM a a a	R. Ba G. M. A a S. Sa T. O K. O a a	a R S , 203 (2012) . 26-33
E8 R a a a a b G a - a ba S - a a a a	T. O K. Ta N. Sa A. H a Y. K	B a E a , (2012)
E9 M - H S a Pa G ab D a a S T - a A A - S	A. B. D. Na a Y. A a T. O K. O a a	La , 28, 23 (2012) . 8616-8624
E10 Ra - a a a P/C a a a - a a a a	R. Ba G. M. A a S. Sa T. O K. O a a	F C , (2012)
E11 I fl R D a a T a R a - a F B Ca O a P	T. O F. I a a A. B. D. Na a W-N Wa K. O a a	a C a E Ja a , 45, 12 (2012) . 995-1000
E12 B a Ma F Na a P a b A E -b a I a a M	Na a A.B.D T. O K. O a a	J. Na a R , 14, 10 (2012) . 1182

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E13 D a YAG:C a a	T. O A.B.D. Na a W.N. Wa F. I a a K. O a a	C. E. J, <b>210</b> , 1 (2012) . 461-466
E14 a b a	S. A M. M. M A. B. S a a A.B.D. Na a T. O K. O a a	A. R. T. (2012)
E15 S a S T O2 Na a b N D a B a M D P	I. M. M T. O T. I a K.O a a	I. a & E. C. - R. a (2012)
E16 SO2/H2O/N2 a a b X- a a a a - a	M.M. M A. S T. O F. I a a K. O a a	A. R. T. , <b>24</b> , 1 (2012) . 143-149
E17 M - S a S Na - a T - ab Ca R G	Na a, A.B.D T. I a T. O K. O a a	J. I. S. , <b>389</b> , 1 (2012) . 134-146
E18 A a - a / a a a a a a a a a	S. A A.B.D. Na a T. O K. O a a	Ma. L. <b>91</b> (2012) . 161-164
E19 U a a P a a - a a -	R. Ba G. M. A a S. Sa T. O K. O a a	J. T. , <b>229</b> (2012) . 58-64
E20 E P/S O2 a fib a a a a a a a a -	A. B. S a a G. M. A a S. Sa T. O K. O a a	Ca. G. a , <b>33</b> (2012) . 11-14
E21 M a a a b a a a a a a a a a	Ma a, Ha Na a F S - K a a S - Ta a	T. a C. a T. - a , <b>54</b> (2012) . 261-265
E22 L - a b a a + a	S. F a a Ma a, Ha K Na a S - K a a S - Ta a	P. 6, I. a a S. M. a T. - a a M. a S. a- (2012)
E23 S b a (III) a (III) a a a a a a a a a	M a O a a Ma a, Ha S - K a a S - Ta a	P. 6, I. a a S. M. a T. - a a M. a S. a- (2012)
E24 C a a a a a a a a a -	S - Ta a Ta a, Ha K a K a Ma a, Ha S - K a a	P. 6, I. a a S. M. a T. - a a M. a S. a- (2012)
E25 R / a a a a a b a fl a -	A a S a a a A Na a Ma a, Ha S - K a a S - Ta a	P. 6, I. a a S. M. a T. - a a M. a S. a- (2012)

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E26	Y. Ha, a, a Ma, a, b, Ha N, a, F S, - , K, a, a S, Ta, b, a	P, 6, I, a, a S, M, a, T, a, M, a, S, a- , (2012)
E27	H, S, a, a, a Ma, a, b, Ha S, - , K, a, a S, Ta, b, a	P, 6, I, a, a S, M, a, T, a, M, a, S, a- , (2012)
E28	A, Ta, a, a S, Sa, a, a	a, A, S - , 124 (2012) . 1208-1216
E29	Ta, a, I, a, a Da, Ya, a Ta, G, a S, Sa, a, a	, 53 (2012) . 3417-3420
E30	Ta, Ka, a S, Sa, a, a	P, 11, W, F, a, a , (2012) . 1-11
E31	S, Sa, a, a	P, 19, R, a, S, C, a, E, (2012) . 1-6
E32	J. Wa G. G M. Ka, a T. Y, a K. L T. T	C, L, , 41 (2012) . 1663-1665
E33	J. Wa M. Ka, a T. Y, a T. T	a, M, b, a, S, , 415- 416 (2012) . 810-815
E34	G. L M. Ka, a H. R. L M. Ma, a T. Y, a T. T	I, a, a, a, a, H, E, , 37 (2012) . 12105-12113
E35	T. T T. S, ba, a J. Wa H. R. L M. Ka, a T. Y, a	a, M, b, a, S, , 421- 422 (2012) . 25-31
E36	M. Ka, a W. N. S, a, a T. Y, a T. T	a, M, b, a, S, , 415- 416 (2012) . 478-485
E37	M. Ka, a M. Ka, a T. Y, a T. T	I, a & E, C, - , R, a, , 51 (2012) . 944-953
E38	M. Ka, a T. S, a T. G T. T	AIC, E, a, , 58 (2012) . 1733-1743
E39	K, J, H, a Ya, W, H, a H, Y, a Ka, a, S, a	P, T, , 232 (2012) . 41-48

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E40 Tff a a a a - ff a b a a - a a	Ta. I H. Y a	A a R T , 23, 5 (2012) . 682-692
E41 I fl a b a a	Ta. I H. Y a	R S fi I , 83, 5 (2012) . 055103
E42 T a a a a ba a a a b a a a a a	H. Y a T. a Ya a K. Y H. Fa Ma a	A a R T , 23, 2 (2012) . 185-190
E43 Eff a a a a a b- a b - a a	H. Y a Y. Ha a K. Y T. a Ya a	R T , 219 (2012) . 29-36
E44 S a - a a a b a a	T. a Ya a	G a R S , 290, 11 (2012) . 1023-1031
E45 Pa a a b a ff a - a a	Ya. M H. Y a H. Fa Ma a	A a Ma a R a , 508 (2012) . 33-37
E46 P a W - M a Ca Na b I - a a a I a a	Y. M M. H a A. O a T. O ab T. M M. Ya a M. Ha ba Y. M B. W. L E. K a M. S a a W.-N. Wa K. Ya a K. F a S. E K. U a N. K ba a K. M M. I a a H. Ta T. Na a J. Na a I. Ta a a	Na ., 6, 6 (2012) . 587-599
E47 P a W - S - a Ca Na b a I a a	Y. M M. H a N. K ba a A. O a M. H T. O ab T. M M. Ha ba Y. M T. Ka ba a B. W. L E. K a M. S a a W.-N. Wa K. M K. Ya a K. F a J. Na a I. Ta a a	Na ., 6, 7 (2012) . 766-775

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E48 M... ...	K. F Y. I a a N. A M. S T. S a a K. F T. Ya a H. Y a	C... a E 211-212 (2012) . 1-8
E49 Eff... ...	K. F K. J a a K. M a T. Ya a H. Y a	5... A a Pa... T... S... APT2012, 1-C (2012) . 099
E50 G... ...	K. F K. J a a T. Ya a H. Y a	20... I... a... C... a a P... E CHISA 2012, P1-35 (2012) . 212
E51 Eff... ...	S... Na a R... I T... O a Wa... N... a M... a a O a a	... a... Wa... a E... a T... , 10, 1 (2012) . 23-30
E52 Eff... ...	Ma a OHNO Y a KUBO E... ba R M... A ... KOSE S... NAKAI Wa... NISHIJIMA K a KAWATA	... a... Wa... a E... a T... , 10, 2 (2012) . 129-140
E53 R... ...	S. Na a G... T. O a W. N... a M. H... M. O a a	Wa... S... a T... , 66, 5 (2012) . 993-999
E54 M... ...	Y... NOMURA Ka... FUJIWARA A... TERADA S... NAKAI Ma... HOSOMI	C... , 86, 3 (2012) . 228-234
E55 SIMULATION OF CHLOROPHYLL-A ESTIMATION BY WORLDVIEW-2 IN THE URBAN RIVERS OF THE DOMINICAN REPUBLIC USING FIELD SPECTRAL DATA	Y SAKUNO E... ba R. MIÑO A. S... NAKAI H... MUTSUDA T... OKUDA Wa... NISHIJIMA R... CASTRO A a GARCIA R... a PEÑA Ma... RODRIGUEZ G... a DEPRATT, G.	T... 33 A a G... O R - S... , (2012)
E56 E... ...	Wa... N... a H... Ya... S... A... a T... O a S... Na a	T... ISWA W... S... Wa... G... , (2012)
E57 S... ...	T... O a Ma... O... M... S... a a S... Na a Wa... N... a	T... 9... I... a... S... ... Wa... S... T... , (2012)
E58 D... ...	YB A a a T. Ka... a a H. Ya... T. O a S. Na a W. N... a	I... a... a S... F... W... -B... C... a... G... a Wa... Y... T... - a a S... a A -, (2012)



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E59	S	S. Na T. O W. N M. O K. Y M. Ka K. Sa	EMECS 50, (2012)
E60	D	S. A T. O S. Na W. N K. Y M. O	EMECS 50, (2012)
E61	P	S. Na N. S T. O W. N	13, I a a G a a 4 - , (2012)

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<b>F1</b> D a C a M a O - a T a a G b M a -W G a B PC61BM L a H Effi C	I a O a a M a S a H M K a a a K a T a a	A a M a a , <b>24</b> , 3 (2012) . 425-430
<b>F2</b> A ff b ( a a a - )	S S A M J A S E M a a K a T a a B W L a A a H J a O J	C a G a , <b>48</b> , 42 (2012) . 5157-5159
<b>F3</b> H Mfb O a T -F T a P a S b a ,	D M J K a K a T a a	C A P , <b>12</b> (2012) . 2- 5
<b>F4</b> Q a -Ba S ; I a E S a O a O C a T a P	I a O a a M a A a K a T a a	C a M a a , <b>24</b> , 6 (2012) . 1235-1243
<b>F5</b> Na -Ba - A P V a S OFET a OPV	I a O a a A b M a S a a K a T a a	ACS M a L , <b>1</b> , 4 (2012) . 437-440
<b>F6</b> A S b a a- D a a a a D a O a F -Eff T a	D K a G E M a a K a T a a	C L , <b>41</b> , 4 (2012) . 435-437
<b>F7</b> A a - a a a , a [1,2-b;5,6-b']- a a [2,1-b;6,5- b']- a : A ?	M a N a S S a a Y b H I a O a a E M a a K a T a a	C a G a a , <b>48</b> , 45 (2012) . 5671-5673
<b>F8</b> [2,2']B [ a [2,3-b] a ]: a a a ,	K a N H M E M a a I a O a a H a K a K a T a a C a A a	C a G a a , <b>48</b> , 47 (2012) . 5892-5894
<b>F9</b> Fa a a [2,3- b] a a	K a N E M a a I a O a a K a T a a	S , <b>44</b> , 13 (2012) . 2102-2106
<b>F10</b> O a a ba 5- a - a	H M E M a a I a O a a K a T a a	a E , <b>13</b> , 10 (2012) . 1975-1980
<b>F11</b> I a a a a [2,3-b;6,7- b']- a (a -ADF), - (a - ADT), a - (a -ADS): S , a a a fi - ff a	M a N a K a N E M a a I a O a a K a T a a	T a a O a C , <b>77</b> , 18 (2012) . 8099-8111

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<b>F12</b> La -E T Fa I a T [3,2-b] S b- : S C a a a a O a F -Eff T a A a	Ta a Ya a Ta N a Ta M E M a a I a O a a Ka Ta a	O a L , 14, 18 (2012) . 4914-4917
<b>F13</b> O a F a F a Na : S P a B a	S S a a R S N Ya a M Ta a F a Ka I a O a a E M a a Ka Ta a	O a L , 14, 18 (2012) . 4718-4721
<b>F14</b> B a B [1,2- b:4,5-b']- a Na [1,2-b:5,6-b']- : D ff C a A Eff B a R a D F R S	Ma a Na a S S a a R S I a O a a E M a a Ka Ta a	O a L , 14, 21 (2012) . 5448-5451
<b>F15</b> T I D - a [2,3- b:2',3'- ] [3,2-b] : I a A B Pa S a O a F - ff T a C a a -	M J Ka E M a a I a O a a Ka Ta a	Ja a a A P , 51, 11 (2012) . 11PD04
<b>F16</b> H a a a : A a a - a fi 2,9- - a [2,3-b:2',3'- ] [3,2- b]	W. O -Ya Ta a U a M a S. O Ta a Ka M Ka a a M J Ka Ka Ta a Ma a I a H K aba a M a Ha a a J Ta a	A P L , 101, 22 (2012) . 223304
<b>F17</b> H - a - FET	K a Na a a a Ta a U a Ma a U O a I a O a a Ka Ta a J Ta a	C A P , 12, 3 (2012) . S92-S95
<b>F18</b> Na [2,3-b:6,7-b ' ] a : S , C a - a a , a C a A Eff O a F -Eff T a a O a P a D	Ma a Na a H M S S a a Ka Ta a	CHEMISTRY OF MATERIALS, 24, 1 (2012) . 190-198
<b>F19</b> O a a a a ab a a a	K ba a Ka H Wa N a U a a K a F Y a U, Z a C J a Da F Ha Ka Ta a Ya a Ka Ta a Ma aa I a H a K aba a T S a L, Y -L S a Ta a	Na G a , 3 (2012) . 723

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<b>F73</b> P a a a - b a	A A a M a F a S Y a a a K I a	M a . R . B . , <b>47</b> , 8 (2012) . 2062-2066
<b>F74</b> M a a a - T O <sub>2</sub> a a a b a a	M a a a Ya K Ka S Y a a a K I a	RSC A , <b>2</b> , 29 (2012) . 11132-11137
<b>F75</b> P a a a TNC a a a	S Y a a a a K a U Z a Z Y S H Ma N F a K I a	J. Ma . C . , <b>22</b> , 21 (2012) . 10752-10762
<b>F76</b> G HZSM-5(Ga) fi a - a a	Y. F N. T Y. I M. Sa a a T. Sa	A . Ca . A, <b>417/418</b> (2012) . 137-144
<b>F77</b> T a a LEV- CHA-	I. G M. I a a S. S b a a K. H a Y. I M. Sa a a T. Sa	M M Ma . , <b>158</b> (2012) . 117-122
<b>F78</b> A ab b a a CHA- FAU- a a b a - a a a a	N. Ya a a a M. I a a Y. K Y. I M. Sa a a T. Sa	M M Ma . , <b>158</b> (2012) . 141-147
<b>F79</b> Eff a a a NH <sub>3</sub> -SCR a F - a C b a	Y. Ta a Y. H. O a a T. Sa	J. J . P . I . , <b>55</b> (2012) . 57-66
<b>F80</b> Eff a a b a A a a a ,	Y. I N. Ka a a M. I a a L. I a M. Sa a a T. Sa	ACS A . Ma . I a , <b>4</b> (2012) . 2186-2191
<b>F81</b> S a a ff a - a a CO <sub>2</sub> a b a CO <sub>2</sub> a b a a	Y. I N. Ka a a M. Sa a a T. Sa	C . G . , <b>48</b> (2012) . 5521-5523

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<b>F82</b> H <sub>2</sub> O <sub>2</sub> / H <sub>2</sub> O / CO <sub>2</sub> / ...	Y. I. H. Ha S. O M. Sa a a T. Sa	G. C., <b>14</b> (2012) . 1264-1267
<b>F83</b> M <sub>2</sub> / H <sub>2</sub> / U <sub>2</sub> / S <sub>2</sub> / ...	Y. I. M. N. T M. Sa a a T. Sa	C., <b>48</b> (2012) . 7073-7075
<b>F84</b> S <sub>2</sub> ab / P / (III) b / [S W11O39R (III)(P )]5-	M. Sa a a S. M Y. I N. I a U. K S. Ha a a a K. Ka S. O Y. I W. U a T. Sa	C., A a J., <b>7</b> (2012) . 1331-1339
<b>F85</b> S <sub>2</sub> / HUS-2 / HUS-3 / S O <sub>2</sub> / NaOH-H <sub>2</sub> O	N. T T. I a Y. I M. Sa a a T. Sa	J. Ma., C., <b>22</b> (2012) . 13682-13690
<b>F86</b> A / ZSM-5 / β-	Y. Ta a K. A a S. Y H. O a a T. Sa	B., C., S. J., <b>85</b> (2012) . 869-876
<b>F87</b> H <sub>2</sub> / R / [XW11O39{R (II)(b)(H <sub>2</sub> O)}] - (X = P ( = 5), S ( = 6), G ( = 6) / R - b / K	S. O M. M a Y. I T. Sa M. Sa a a	Da. T a., <b>41</b> (2012) . 9901-9907
<b>F88</b> Effi / CO <sub>2</sub> / ...	H. Ha Y. I S. O K. I a M. Sa a a T. Sa	ACS Ca., <b>2</b> (2012) . 1910-1915
<b>F89</b> G <sub>2</sub> / b / ...	Y. I M. Ma a M. O a a	C., Ca., <b>4</b> (2012) . 628-630
<b>F90</b> O a - / a ; / ...	T. O a a Y. I M. O a a	C., A a J., <b>7</b> (2012) . 1980-1992
<b>F91</b> M <sub>2</sub> / -ba / a a / ...	M. Sa a a R. Ka T. M a a a W. U a	Ma., L., <b>81</b> (2012) . 80-83
<b>F92</b> A / a / (3DOM) / a b / ...	M. Sa a a K. Sa a H. Na a a T. Ya a W. N a W. U a	La., <b>28</b> (2012) . 17766-17770
<b>F93</b> B / M <sub>2</sub> -V-ba / O : S / C - / W. U a	M. Sa a a W. U a	J. J., P. I., <b>55</b> (2012) . 229-235

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G1 S fi a Fa I CO2 E P a P P Ja a	M a W a a K Ka a A U F	P a a 5 ACF I - a a a P a a , (2012)
G2 U Ba SO E Va F P a P - F	M a W a a K Ka a A U F	A C E a B Ma a , H K , (2012) . 373-377
G3 Eff F A L F F a	Y O a a K a a U A U F	fib : G S - S a ab G S , (2012) . 481-484
G4 S a B D G R - b D ab B ba R - b T F	I.ARIO M.NAKAZAWA Y.CHIKAHIRO Y.TANAKA I. Ta a S. O F	P A a a S a B G , 5 (2012)
G5 N B D & A a F P a F ab B	Y.C a F I.ARIO Y.TANAKA M.NAKAZAWA I. Ta a S. O F	P A a a S a B G , 5 (2012)
G6 S a C a a S F - E B S F -	M. Na a a a I. A F	P A a a S a B G , 5 (2012)
G7 H a a S a A a F M -F S a H -F B - a R F	I U A F	E : P a IUTAM S F - 50 Y a C a F : A - a T a , (2012) . 88-98
G8 H b a a a F a - ab S S F	I U A R I O	P A 23 I a a F a G T a a A - M a (ICTAM2012), 23 (2012)
G9 HIGH PERFORMANCE VALVE FOR ADAPTIVE PNEUMATIC IMPACT ABSORBERS	J. H F -S C. G a F P. Pa F I. A F	P A SOLID MECHANICS CONFERENCE, 38 (2012)
G10 S S P F a R b S a G F Aff F G fi F - G F	D F a ,Y. F ,K.	P A 9 G a -Ja a B S F , 9 (2012) . 37-38
G11 A G a M F A fi a S a U I a A a G F - F a I A a F R a S a A a F M b	I F ,T. F ,K. Ya a a ,Y.	P A 1 A a a a a S F -Ea a S a E - a G F F - , 1 (2012)
G12 R a S E a a F M F F S T b I - M a T F	U a ,T. F ,K. Ka a ,T. Sa a ,R.	P A 1 A a a a a S F -Ea a S a E - a G F F - , 1 (2012) . 699-704
G13 A S E a a F M F U - a G F S F S a S L F a G F F	U a ,T. F ,K. F a ,M. I a ,K. H a ,K.	P A I a a F a A F - a F F B a S a E - , (2012)



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G28 T, ff a a - a a a - .	T Na Ya Ta a H Ha a a K Ab A O a Ma a K a Ta a Ya a T O S U a	a C a T a B , 87, 10 (2012) . 1466-1472
G29 A a b a a : A a a a a a b : A a a a a a a a a	Wa a Ba a a K a H a S a Ma ab Sa a a a Na a a a Ma a Ta a a S a O ab	Wa R a , 46, 17 (2012) . 5756-5764
G30 PAH a a a - a a a a a - a a a a	Na O a S a Ta K a K a K a Ta a F a	Wa S & T , 66, 5 (2012) . 983-992
G31 I fl a a a ba a T a a	Ta a A a a Ka a Ta ab K a Na O a A O a	Wa S a T , 66, 5 (2012) . 958-964
G32 R bb a a a b Fa a a a a a b a	Ma a Ha a H Na a K a S a Ma a b Ta a S Ka a a Pa a a K. C a Ka a S a A O a Ta a Ya a	I a a a a - a a , 6, 3 (2012) . 577-584
G33 D a a a - b a a a - b a a	K Ma a a K a Na O a A O a Na a a Ma ab Sa a a a	Wa S & T , 66, 2 (2012) . 451-456
G34 L a a a ff a a a a a - a a a a a - a	S U a Ma a K a Ta a Ya a A O a Ya Ta a H Ha a a	I a a a a E - a R a , 6, 2 (2012) . 361-366
G35 D a a a TSA- FISH a a a b a	S Ka a a Ta a Ha a a H I a Ta a Ya a H Ha a a A O a K K a	a a a a a - , 88, 2 (2012) . 218-223
G36 B a a a a - a a a b a a a - fl a a a a a - a b a a	K a Ya Ta ab Na O a A O a	T, IWA W Wa G & E b 2012, (2012) . 72
G37 R a a b PAO- a a a b a fi	H a K a K a Na O a A O a	T, IWA N R a a R 2012 (IWA NRR 2012), (2012) . 175-176

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G38 R a b b f i a	H a K a K a O a O a	I a a G F C a E a E IC- CEE 2012, (2012) . 61-62
G39 E a a S R -	T T L C D a K M a H a H I a K a O a O a	I a a G F C a E a E IC- CEE 2012, (2012) . 59-60
G40 R a b f i a a	M a H a H a S K a S T a Y a O a	I a a G F C a E a E IC- CEE 2012, (2012) . 63-64
G41 S a a	J a, F a a K a a a, Y H a a a, F a Y a a, T a a	a a J a a S C E , S . B1 (H a E - ) , 68, 4 (2012) . L73-L78
G42 T a a LS-PIV a a	G a a , B. S , X. S , M. S , K. T b a , R. R a a a , P. K D.K., C a , J.H., T a , X., F a , I.	F M a a I a , 24 (2012) . 1-12
G43 A a a b a	T b a , R a K a a a, Y S a a a, T a F a , I	a a H a a H E , JSCE, 30, 1 (2012) . 87-99
G44 D a -b a E a	S F a -F a a . (R.T b a 22 )	a a H a R a (2012)
G45 T a a a	T b a , R a K a a a, Y	P . XIX I a a G F W a R (2012)
G46 E b a a	T b a , R a K a a a, Y U a, Y a	P . 18 G F IAHR- APD, (2012) . 333-334
G47 2 a f i	K a a a, Y T b a , R a Y a , H	P . 18 G F IAHR- APD, (2012) . 194-195
G48 T b a	K a a a, Y J a, F a a H a a a, F	P . I a a G F F a H a , R F 2012, 1 (2012) . 241-246
G49 E a a	K a a a, Y T b a , R a Y a , H	P . 10 I a a G F H a a E - , ICHE-2012, (2012) . 353-354
G50 E f f a a	J a, F a a K a a a, Y H a a a, F a Y a a, T a a	P . 10 I a a G F H a a E - , ICHE-2012, (2012) . 41201566-41201573
G51 A a a	K a a a, Y W a a b , Y a a	P . I a a S C W a S a O a M F (2012)
G52 E C a R a a B a a B a	U a, Y a T b a , R a K a a a, Y	P . 11 I a a G F C a E - , ICCEE-2012, (2012)

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<b>G53</b> $G^F$ $a$ $b$ $a$ $a$ $b$ $a$ $a$	K $a$ $a$ M $a$ $a$ K $a$ $I$ $a$ $a$ J $a$ $a$ M $a$ $a$ $a$ $a$	Wa $a$ $R$ $a$ $a$ , <b>48</b> , W05547 (2012) . 1-10
<b>G54</b> T b $a$ $a$ $a$ $a$ $a$	M $a$ $a$ K $a$ $a$	

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<b>H2</b> G F a S a P a -Ba S S a Wa, M S a Wa a D Wa G F	K. K., H. Ya a a	O a E , 46 (2012) . 9-17
<b>H3</b> G F S ab a Ya M a S S a W	H. Ya a a T. H Y. Na a a K. K.,	J. Ma S a T , 17, 3 (2012) . 291-304
<b>H4</b> T a a L a F F F Ma a ONR T b Ma M	Y. Sa a a K. Ta K. Ta M. Sa D. J. Y L. G Y. F a F. S	P a T 29 S (2012) Na a H a , . 26-31
<b>H5</b> H F D a D b - E Ca a a F E P - S	H. Ya a a N. H a a K. M. Ta a T. Na a	P a 11 I a a Ma D G F (IMDC 2012), 3 (2012) . 325-333
<b>H6</b> T D a S a Wa - I M a F S	Y. Na a a H. Ya a a N. H a a H. Ha a	P a T 22 I a a - a Off a R a E G F , (2012)
<b>H7</b> Eff A a B G F fi a G F S ab a F S	A. F a H. Ya a a T. Y a K. K.,	P a T 6 A a-Pa fi W F Ma H a - (APH 2012), (2012) . 83-89
<b>H8</b> E a S a S a P a a Ca a a A D -H	S. I N. H a a H. Ya a a	P a T 6 A a-Pa fi W F Ma H a - (APH 2012), (2012) . 335-340
<b>H9</b> Eff S a A a G F S ab a H S V	Y. K a M. Sa N. H a a H. Ya a a	P a T 6 A a-Pa fi W F Ma H a - (APH 2012), (2012) . 373-378
<b>H10</b> N a S a H a - R S a I a L a F a Wa U E a La- a Pa	H M a S a a Ba K a Ka a a K F Ha a Ya a D	a S a O a E - , 2 (2012) . 363-371
<b>H11</b> W E Ha U F - b P D	M a, H. J. M a Y. D Y. Ya a a	a E a R a E - , in press (2012)
<b>H12</b> W E Ha U F - b P D	M a, H. J. M a Y. D Y. Ya a a	I a a G F R a E E , CD-R (2012)
<b>H13</b> A E G a S a S b - R F G a D U F b	Y a Ta a a Y. M a a H. M a	a S a A - E a M a - , 20, 2 (2012) . 541-546

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H14 E a F Fa U P - D Ha O a Wa E	H. M a M. H a a R. Wa a ab Y. D F Y. Ta a a	P F ASME 31 I - a a a G F O a , Off F a A E , CD-R (2012)
H15 R a a a a a - K a S a a	Y A a a a A. Ka F N. Ta b H. M a N. G F a	A F a S a T F - F , 33, 1 (2012) . 59-63
H16 N a a fi a a a - b ff b F	S Y a C Ma F T b F a Ta Na a b a Y F b b F O a a Ta a b N F a a	F a F F a S a , 30 (2012) . 188-204
H17 G F a a a a a - a a V b F F F a F a V b	Ta Na a b a Ma F T b F a Ma a F Va H b O Ya a D F	G F & F , in Press (2012)
H18 U a V b A F a - a D a S a A : 2 R F N a A a	Ma F T b F a Y I a a Ta Na a b a Y F b b F O a a Ta a b Ka F a Ta a b N F a a	SAE I J. Pa . Ca - M b . S , 5, 1 (2012) . 358-368
H19 U a A F a F R Fa V - D a Ma V	Ma F T b F a R a K F b a a b Y I a a Ta Na a b a Y F b b F O a a Ta a b Ka F a Ta a b N F a a	P F F 30 b AIAA A A F a G F , (2012)
H20 Eff a T a A F a F V b S ab : A La E S a F A a	S Y a C Ma F T b F a Ta Na a b a Y F b b F O a a Ta a b N F a a	P F F 30 b AIAA A A F a G F , (2012)
H21 H a a fl a a a - (Sa a ) a b a a a a a a a a ab	S a a a , E Ka a a , K. Sa F , Y. E , M L V a a , A.H.	F a F G Fa a R a b , 28, 4 (2012) . 945-952
H22 E a a a F F ASTER GDEM2 F a F GDEM1, SRTM DEM a F F a b - a - DEM F a a a a a RTK- GPS a a	S a a a , E. Ka a a , K. Sa F , Y. K a a F , E. R a a F , B.	R F S , 4 (2012) . 2419-2431
H23 C F F F a a F a F b A a S a b COMS-GOCI a a b LCI b F	Ma F , K. Sa F , Y.	P F F I a F a S - F F R F S 2012 (ISRS2012), (2012)
H24 A a a a F b F F F F - - F V a a F a a b a a F b Ja a a M F - S a M F , Q SCAT a a , a ASCAT a a	M a , H. Sa F , Y.	P F F I a F a S - F F R F S 2012 (ISRS2012), (2012)
H25 I a a a F F COMS GOCI a a F F Ba , Ja a	Sa F , Y. N b , N. K F b a b , H. H a , H. K F b b , Y. F F a a , M.	P F F I a F a S - F F R F S 2012 (ISRS2012), (2012)

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H27 D a C a SS a a	H a, H. K b , Y. K b a , H. Sa , Y. F a , M.	Pa O a R S (PORSEC)-2012, (2012)
H28 R a a K a S a	Y A a a a A a a Ka Na a Ta H M a M a G a	A a S a E , A a L , 33, 1 (2012) . 59-63
H29 T a a S a b a K - a -	Y A a a a A a a Ka Na a Ta H M a Ka a K a X G a M a G a	A a S a T - , 33, 1 (2012) . 45-51
H30 D a a a a b a a a	X a-H a Z, C, a , Z a Q a W A a a Ka X a Fa B F L	E a , S G a a a S , 104-105, :10.1016/ . 2012.03.022 (2012) . 54-65
H31 C a L S a a a a a - a a a a 2008	Y. Ya G. L a A. Ka C. Ya X. X H. C N. G a N. Ta M. M a a	D a a A a a O a , 58 (2012) . 20-43
H32 La fi a a a R K (HRK) a a	Sa Ta a a S a Sa a S O a a a	T a a a A M a Ja a , 60 (2012) . 205-214
H33 N a a - a b a a a H a a a	Sa Ta a a S a Sa a S O a a a	I a a a a a G a a - a M a , 9, 1 (2012) . 1240012
H34 T a a a a a a a a a a a a	S O a a a T Ha a a Sa Ta a a	6 a K a-Ja a W a a G a a M a (JSCES-COSEKI a W a ), (2012)
H35 G a B a a a U a a S a S a ff P a a a b a a N b S a ff b a a T	A a Ya a Sa Ta a a Da Ya a a a S O a a a T a Ya a	T P T 22 (2012) I a a a OFFSHORE AND POLAR ENGINEERING CONFERENCE, (2012) . 807-814
H36 G a B a a S a H G B Ca A a a H a a G a	Z a P Ka a I a Ma a F a Y a Ta a a Sa Ta a a S O a a a T a Ya a	T P T 22 (2012) I a a a OFFSHORE AND POLAR ENGINEERING CONFERENCE, (2012) . 839-846



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H51 G a a -ba	A Ta a a M K a a	I a a a a a N - a M E , 90, 11 (2012) . 1363-1392
H52 D a -ba	L i A M a M A Ta a a E i Ca N S a	S a Ma a a S , 21, 8 (2012) . 085029
H53 C -S a S a O a W -Ga R R a	A Ta a a M K a a	IEEE/OSA a L a T , 30, 17 (2012) . 2776-2782
H54 La a -a	A Ta a a Ka Ma a a M K a a	P a 7 C a Ja a -K a S a O a S a a M - a a S , (2012)
H55 D S O - a P b P a -fi M	S H J A Ta a a C G H	P a 7 C a Ja a -K a S a O a S a a M - a a S , (2012)
H56 S fl b a - fi	Y. Ta a a K. Ma a H. M a	a E a R E - , 6, 3 (2012) . 353-360
H57 A a a fl b - a	Y a Ta a a Y a M a a H M a	a a Ja a S a A E a a M - a , 20, 2 (2012) . 541-546
H58 A a a fl b - a	Y a Ta a a K a Ma a H M a	I a a a a A E a a M a , 39, 1-4 (2012) . 603-608
H59 S A E M M RPIM E a F	Y a Ta a a R a Y	P a CEFC 2012, (2012) . 26-26
H60 D a a a - a a	Y H a a Ka M a K Ha a a	P a TEAM2012, (2012) . 245-250
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I2 E a a b a - a U- a ba a - a a	H T a a a J G	a G a S R - a , 70 (2012) . 213-225
I3 M b b a - a a a b a - a	Ma O a J Z a I a a E a	J. A M a , 79, 2 (2012)
I4 O a b a a - a b a a a	Ma O a T a N a a a	J. G a S R a , 75, 1 (2012) . 38-44
I5 A a a a a a a a	Ma O a M a K a a	S a a M a a O a , 46, 1 (2012) . 27-39
I6 S - b a ab - a a a a a	J Z a Ma O a	J. M a P a S , 60 (2012) . 1757-1770
I7 F a a a - b a a a a	J Z a Ma O a	P . IACM-IASS 2012, (2012) . 406-409
I8 A a a a - b a a - ab a	J Z a Ma O a	P . IASS-APCS 2012, (2012)
I9 B - a b a - a a a a a a	S a T a Ma O a	P . IASS-APCS 2012, (2012)
I10 A a a a a - fi a a a a a	Ma O a J Z a M a a	P . 7 C, a-Ja a -K a S O a S a a M a a S (CJK-OSM7), (2012)
I11 O a a a a - a a a a a a	Ma K a a Ma O a H a W a a b	P . I S . R ab - E . R Ma a (ISR- ERM'2012), (2012)
I12 H - FE-a a a a a a a b	Ma O a M a K a a T a M a a T a Y a a	P . I S . R ab - E . R Ma a (ISR- ERM'2012), (2012)
I13 E a a B Da a a T a I a ba S a I a a GIS Da a 2010 C, Ea a	Y a Ma a a F Y a a a S Ma a a H M a M E a a	Ea a S a, 28, S1 (2012) . S165-S178
I14 S M R a 2011 Ea a a I. A a C a - a	Sab M a a H M a A	a D a R a , 7, 6 (2012) . 695-700
I15 B Da a D a 2010 Ha Ea a Ba T A a - H -R S a I a	H M a Sab M a a S H -C	P a 15 W G - Ea a E , (2012)
I16 P a A a B Da a D a H -R a SAR I a 2010 Ha Ea a	H M a Sab M a a	a G P a 9 I a a G U - ba Ea a E 4 A a E Ea a E , (2012)

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I17 P a A a C a a - S G M G a E a	Sab M a a H M a H S	P 15 W G - E a E (2012)
I18 S a O a a S a - H S Da B F a FEM-A a a H A	H a Wa a ab M O a J N S Ya a	P 7 C a-Ja a -K a S O a S a a M a S (CJK-OSM7), (2012)
I19 B a B P R H -S S Ba R C F a A a	Y H b S S Ya S a a S Ha a	P 9 I a a G U ba E a E / 4 A a E a E (2012)
I20 Q R 2011 Va Ea a	K K A a Ta a Y H b H a Wa a ab M N a a M Ta a A I	P I a a S L a E L L a 2011 G a Ea Ja a Ea a (2012) . 1950-1961
I21 I fl a a b a b	Y. H b S. S Y. S a a S. Ha a	P 15 W G - E a E (2012)
I22 C a Z Ma U ba E - C a Ma S a	K Ma Ta a Ta a a W J H a	P 8 I a - a G U ba C - a, (2012)
I23 A S Ma M C - a A a O a a R	Na a K Ma a M a a H Ta ba a Ta a Ta a a	P 8 I a - a G U ba C - a, (2012)
I24 A S O T a D b H - a - U - ba A a S : I T a E S	K Ha a Ta a Ta a a S I a	P 9 I a a S A a I - a, (2012)
I25 A S S a a D b Pa L E a a b I ab H U ba A a	I Y a Ta a Ta a a Da a N a	P 9 I a a S A a I - a, (2012)
I26 A a S T a D b Ba C - Ma a U ba E C a Ma Ha a C, Ka a a -	S N Ta a Ta a a S Sa a	P 9 I a a S A a I - a, (2012)
I27 A S P ab U ba S P a S a D - a T	Ta a Ta a a S I a Da a N a	P 9 I a a S A a I - a, (2012)
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I35 L G b ' KANSE '-T I fl A - a G b M A	S S a M a T a	P I a a G Ka E a E R a , (2012) . 848-855
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<b>J4</b> A R . . . . . -VCO-Ba . . . . . S b-Sa PLL CMOS C . . . . . -119.1 B /H P . . . . . a N . . . . . a 0.73 J . . . . .	K. . . . . A. . . . . T. K . . . . .	. 38 . . . . . E . . . . . a S . . . . . -S . . . . . a C . . . . . - G . . . . . , (2012) . 253-256
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<b>J10</b> S . . . . . R O . . . . . a M . . . . . a . . . . . / J . . . . . A a . . . . . Wa . . . . . L . . . . . -V . . . . . a O . . . . . a . . . . .	Y. A . . . . . R. F . . . . . M. F . . . . . S. . . . .	J . . . . . J. A . . . . . P . . . . . , 51, 4 (2012) . 04DG07-1-04DG07-5
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<b>J17</b> I -Pa G a O a <sub>1</sub> A R <sub>1</sub> a S F b N <sub>1</sub> a a Ob -A I a a <sub>1</sub>	A. Na a a S. K S. F T. I <sub>1</sub>	J . J. A . P <sub>1</sub> ., <b>51</b> , 4 (2012) . 04DH03-1-04DH03-4
<b>J18</b> C <sub>1</sub> a b a <sub>1</sub> a <sub>2</sub> a <sub>3</sub> - a a a C60 a a - a a	A. Na a a M. U <sub>1</sub> a <sub>1</sub>	A . P <sub>1</sub> . L <sub>1</sub> , <b>5</b> , 11 (2012) . 213301-1-213301-4
<b>J19</b> E a A a W <sub>1</sub> -D P <sub>1</sub> Va a <sub>1</sub> 65 a 180 CMOS T <sub>1</sub> I D a D -	T. A a W. I a M. Ya a H. J. Ma <sub>1</sub> a <sub>1</sub> T. K <sub>1</sub>	J . J. A . P <sub>1</sub> ., <b>51</b> , 4 (2012) . 04DE03-1-04DE03-8
<b>J20</b> H S F -Ma - Ba A a <sub>1</sub> M a <sub>2</sub> G <sub>1</sub> a M -B E a a Pa <sub>1</sub> -S S <sub>1</sub>	S. Sa a M. Ya a A. Ka aba <sub>1</sub> T. K <sub>1</sub> H. J. Ma <sub>1</sub> a <sub>1</sub>	J . J. A . P <sub>1</sub> ., <b>51</b> , 4 (2012) . 04DE05-1-04DE05-7
<b>J21</b> A a <sub>1</sub> M a <sub>2</sub> N a <sub>3</sub> Ha D a <sub>1</sub> S a <sub>2</sub> Ba a <sub>3</sub> F - Ma	H. J. Ma <sub>1</sub> a <sub>1</sub> W. I a A. Ka aba <sub>1</sub> T. A a M. Ya a T. K <sub>1</sub>	IEEE a a S <sub>1</sub> -S <sub>2</sub> a C - <b>47</b> , 6 (2012) . 1448-1459
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<b>J25</b> COMPUTER AIDED DIAGNOSIS SYSTEM FOR PREDICTING MUCOSAL GASTRIC CANCER UNDER MAGNIFYING ENDOSCOPY WITH FLEXIBLE SPECTRAL IMAGING COLOR ENHANCEMENT	S. YF <sup>1</sup> , a R. M a S. Ta a a Y. KF <sup>1</sup> a T. Ma <sup>2</sup> , <sup>1</sup> Y. Sa <sup>1</sup> a S. O a T. Ta a B. Ra <sup>1</sup> , <sup>1</sup> K. Ka <sup>1</sup> a T. KF <sup>1</sup> M. YF <sup>1</sup> , <sup>1</sup> a a K. C <sup>1</sup> a a a	UEG W A a 2012 (UEGWEEK2012), (2012) . 1220
<b>J26</b> Ma a <sup>1</sup> D Ma <sup>2</sup> B a <sup>1</sup> O - <sup>1</sup> I <sup>1</sup> a a	T. I <sup>1</sup> , a a J.-S. L R. M a	J . J. A . P <sup>1</sup> , ., <b>51</b> , 4 (2012) . 04DE01-1-04DE01-4
<b>J27</b> Ra a <sup>1</sup> D <sup>1</sup> a b <sup>1</sup> ba <sup>1</sup> a <sup>1</sup> a <sup>1</sup> a <sup>1</sup> a <sup>1</sup>	K. Ta a a T. S <sup>1</sup> , <sup>1</sup> R. M a	P <sup>1</sup> . <sup>1</sup> 14 <sup>1</sup> M a <sup>1</sup> S - a <sup>1</sup> C <sup>1</sup> a <sup>1</sup> L S - ( <sup>1</sup> TAs <sup>1</sup> 2012), (2012)
<b>J28</b> H <sup>1</sup> - a a a <sup>1</sup> a <sup>1</sup> -fl HILS	Y. Ma a a R. M a	P <sup>1</sup> . <sup>1</sup> ISMM 2012, (2012)
<b>J29</b> M a <sup>1</sup> a <sup>1</sup> a <sup>1</sup> a <sup>1</sup> a <sup>1</sup> a <sup>1</sup> a <sup>1</sup> a <sup>1</sup> a <sup>1</sup> a <sup>1</sup>	K. Sa a <sup>1</sup> Y. Ya a M. H R. M a	P <sup>1</sup> . <sup>1</sup> ISMM 2012, (2012)
<b>J30</b> FIN PLATE STRUCTURES AT THE BOTTOM OF PDMS MICROCHANNEL TO ENHANCE PRESSURE DURABILITY WITHOUT SURFACE TREATMENT	K. A <sup>1</sup> Y. Ta a <sup>1</sup> a a R. M a Y. M a a	P <sup>1</sup> . <sup>1</sup> ISMM 2012, (2012)
<b>J31</b> A a <sup>1</sup> SPR a <sup>1</sup> a <sup>1</sup> a <sup>1</sup> a <sup>1</sup> a <sup>1</sup> a <sup>1</sup> a <sup>1</sup> a <sup>1</sup>	Y. Ya a T. Ka a <sup>1</sup> K. I <sup>1</sup> K. Sa a <sup>1</sup> R. M a M. H	P <sup>1</sup> . <sup>1</sup> ISMM 2012, (2012)
<b>J32</b> M a <sup>1</sup> E a <sup>1</sup> a <sup>1</sup> G <sup>1</sup> a <sup>1</sup> Wa <sup>1</sup> Q a <sup>1</sup> M <sup>1</sup> S <sup>1</sup>	W. P. B a Y. M a a H. J. G. E. Ga R. M a	P <sup>1</sup> . <sup>1</sup> ISMM 2012, (2012)
<b>J33</b> I a <sup>1</sup> a <sup>1</sup> a <sup>1</sup> a <sup>1</sup> a <sup>1</sup> a <sup>1</sup> a <sup>1</sup> -fl a <sup>1</sup> b <sup>1</sup> - a <sup>1</sup> a <sup>1</sup> ( a <sup>1</sup> )	R. M a	P <sup>1</sup> . <sup>1</sup> P <sup>1</sup> 2012, (2012)
<b>J34</b> PUMPS, NO-VALVES, NC-VALVES ON PAPER ANALYSIS CHIP	S. O ab K. Sa a <sup>1</sup> Y. M a a T. I <sup>1</sup> , a a R. M a	P <sup>1</sup> . <sup>1</sup> MEMS 2012, (2012) . 1101-1104
<b>J35</b> E a <sup>1</sup> a <sup>1</sup> /T O2 a <sup>1</sup> a <sup>1</sup> a <sup>1</sup> a <sup>1</sup> a <sup>1</sup>	Y. E a B. Y a M. Ta a a J. L <sup>1</sup> A. K-Y. J	A . P <sup>1</sup> . L <sup>1</sup> , <b>101</b> , 12 (2012) . 123509-1-123509-4
<b>J36</b> T -Ga <sup>1</sup> R <sup>1</sup> a <sup>1</sup> S <sup>1</sup> T <sup>1</sup> F Ta <sup>1</sup> Fab a <sup>1</sup> b <sup>1</sup> G <sup>1</sup> a <sup>1</sup> - Wa <sup>1</sup> La <sup>1</sup> La <sup>1</sup> a <sup>1</sup> C <sup>1</sup> a <sup>1</sup> a <sup>1</sup> I <sup>1</sup> - a <sup>1</sup> E <sup>1</sup> T a <sup>1</sup> P <sup>1</sup> a <sup>1</sup>	S. F S. K <sup>1</sup> Y. Ka a a K. K <sup>1</sup> a	J . J. A . P <sup>1</sup> , ., <b>51</b> , 2 (2012) . 02BJ03-1-02BJ03-6
<b>J37</b> C S Da a I a <sup>1</sup> a <sup>1</sup> a O a N <sup>1</sup> U a <sup>1</sup> - F <sup>1</sup> a <sup>1</sup> a <sup>1</sup> D <sup>1</sup> D <sup>1</sup> b <sup>1</sup> M <sup>1</sup> a <sup>1</sup> - E <sup>1</sup> P a <sup>1</sup> a-E <sup>1</sup> a <sup>1</sup> CVD	X. G T. N <sup>1</sup> Y. F <sup>1</sup> a A. T a <sup>1</sup> R. K <sup>1</sup> a S. K <sup>1</sup> K. Ka a S. S a a T. O <sup>1</sup>	IEEE T a . E <sup>1</sup> D <sup>1</sup> , <b>59</b> , 5 (2012) . 1445-1453

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<p><b>J38</b> I a P D                      I G a,b O a N -                      R U a - D F a b                      A a C I</p>	<p>X. G                      Y. a                      T. N                      K. M a a                      A. Sa                      Y. K b a a                      A. T a                      R. K a                      S. K                      K. Ka a                      T. N a a                      T. Ma a                      S. S a a                      T. O</p>	<p>J. J. A. P., 51, 5 (2012)                      . 05EC03-1-05EC03-6</p>
<p><b>J39</b> A a C a a                      a a b C a a a                      a a a - a -                      fl a b (=2.2)</p>	<p>X. G                      A. T a                      R. K a                      Y. a                      T. N                      S. K                      S. S a a                      T. O</p>	<p>P. 2012 IEEE S                      VLSI T , (2012)                      . 119-120</p>

# Published Books

Book Title (Editor Name)	Author Name	Publisher	Year
IAENG T a a E T : S a E I a a M G E a G S 2011	S A A H L A a H-S C H Ka a L X	W S fi	2012
IAENG T a a E T : S a E I a a M G E a G S 2012	S A A H L A a H-S C H Ka a L X	W S fi	2012
I D T : S a I - S a T	Ta U H Ka a K Ka	S	2012
I D T : S a I - S a T	Ta a Ha H Ka a	S	2012
PID T M	T. Ya a	S	2012
A S L P M H -F a -Ra 3D I a A T a A a , 1-16	I a I	INTECH	2012
A a S a A S La M : SCLABA-R a, H a - C Ma V	Y a N I a I A a Ta a a H Ma a	INTECH	2012
A a V a Ma U M F R S , R S P a Ea (Y. C .)	Ta Ta a	INTECH	2012
T a S M - R , I a S a B a , . 21-36	Ta a A a a Ta K b a a Z L K S a a Ya a Ha a a F a	INTECH	2012
M - R S -N G B- R -	F a Ya a Ha a a K S a a Ta a A a a	S	2012
Ha H Na a G ( . G. R b , T. Ba , J.N. K )	K M a	S -V a	2012
P 9 I a a G U b I a G a 9 I a a G A - a T G (UIC/ATC 2012)	B. O. A a C.-H. H T. D K. I a L. T. Ya J. Ma	IEEE CPS	2012
A a R ab a Ma a M - V -Ba R ab A a	H. Ya a C. Q a L. C T. D	M G a H	2012
P IEEE 18 Pa fi R I a - a S D ab G (PRDC 2012)	K. I a a T. Y a T. D	IEEE CPS	2012
Na a , a - a a a a , 608- 612, A a	M.M.M T. O K. O a a	E	2012
M a K -ba a - a a b a a a - a a	H. R. L G. L M. Ka a T. Y a T. T	N a P b	2012

**Published Books**

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<b>Book Title (Editor Name)</b>	<b>Author Name</b>	<b>Publisher</b>	<b>Year</b>
M b a R a	T. T	M G a -H Y a & T	2012
5.14 R : H a C-H a C-C : C a 5: S M IV - A O a- R , C-N	R T a a a K N a	E	2012
EPR F R a a S I	M. S K. a	S	2012
S a a-S a E a H a W -B : S E a P L a a J a a	A a K a D a a - K N a a a K a T a M a a a W a a a b M a N S a S a a T a T a a a .	U N a U - P	2012
A a ULSI	T. K a a	W & S , L , U K	2012

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## Registered Patents

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Patent Name (Registered Number)	Inventor Name	Registered Date
Patent O S -S a E a D (US8321185)	Ka a M a S b O a a a K N	2012.11.27