

[Redacted]

[Redacted]

- -  
- -  
- -

mail sounu@office.hiroshima-u.ac.jp







(

	27 4		
	2 4		
	2 4		

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

( )		2	449		898	
( )		3	128		384	

	449		( )								1.06		
	( )	( )	( )	( )									
	[ 81 ]	[ ]	[ ]	[ ]									
	595		( )										
	( )	( )	( )	( )									
	[ 76 ]	[ ]	[ ]	[ ]									
	583		( )										
	( )	( )	( )	( )									
	[ 38 ]	[ ]	[ ]	[ ]									
	512		( )										
	( )	( )	( )	( )									
	[ 38 ]	[ ]	[ ]	[ ]									
	476		( )										
	( )	( )	( )	( )									
	[ 36 ]	[ ]	[ ]	[ ]									
	1.06												

	128 ( ) [ ]		( ) [ ]		( ) [ ]						Q 41		
	54 ( ) [ 17 ]	( ) [ ]	( ) [ ]	( ) [ ]	( ) [ ]	( ) [ ]							
	54 ( ) [ 17 ]	( ) [ ]	( ) [ ]	( ) [ ]	( ) [ ]	( ) [ ]							
	53 ( ) [ 17 ]	( ) [ ]	( ) [ ]	( ) [ ]	( ) [ ]	( ) [ ]							
	53 ( ) [ 17 ]	( ) [ ]	( ) [ ]	( ) [ ]	( ) [ ]	( ) [ ]							
	Q 41												

\_\_\_\_\_  
(( ))

\_\_\_\_\_  
[ ]

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

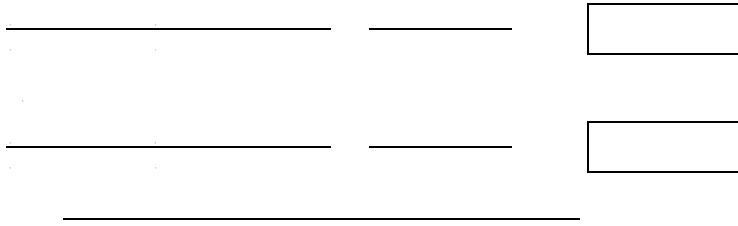
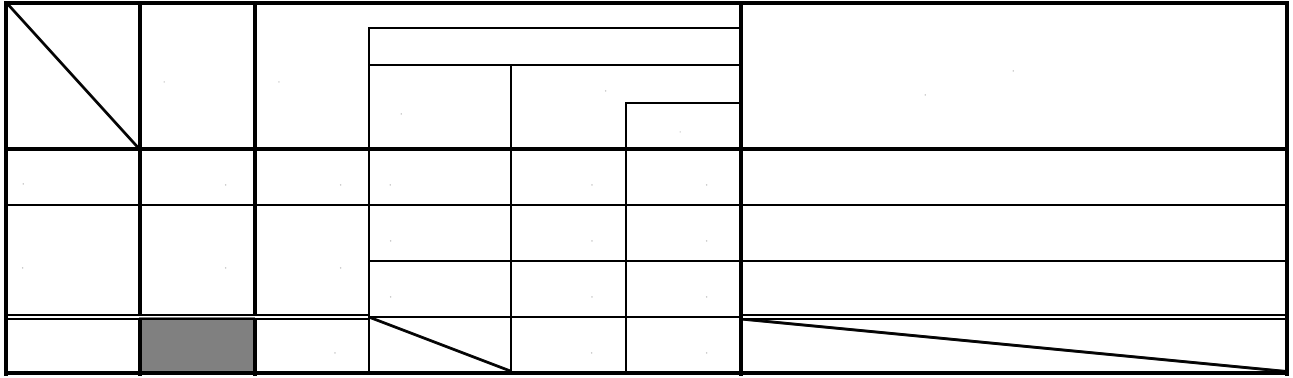
\_\_\_\_\_

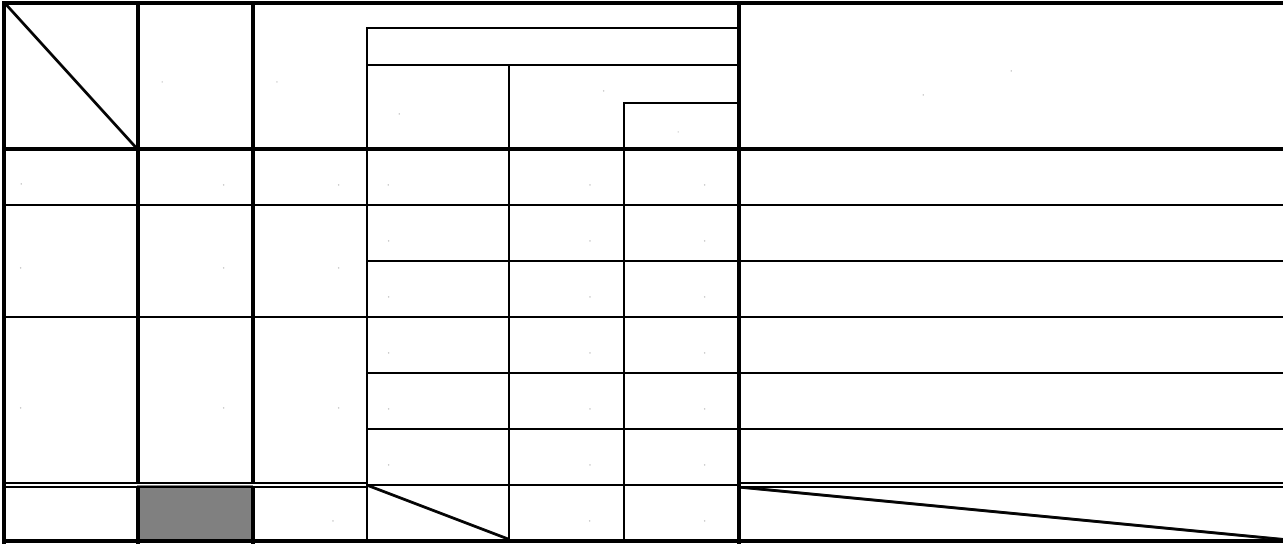
	476	[ 36 ]	[ ]	[ ]	[ ]	[ ]					
		( )									
			[ ]	[ ]							
			476	[ 36 ]	[ ]	[ ]					
		( )									

	53	[ 17 ]	[ ]	[ ]	[ ]	[ ]	[ ]				
		( )									
			[ ]	[ ]	[ ]	[ ]					
							[ ]	[ ]			
	53	[ 17 ]					[ ]	[ ]			
		( )									

[ ] \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_







\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Hiroshima	1 2	1		5	Hiroshima	1 2	1		9
Japanese Experience of Social Development-Economy, Infrastructure, and Peace	1 2	1	1	6	Japanese Experience of Social Development-Economy, Infrastructure, and Peace	1 2	1	1	6
Japanese Experience of Human Development-Culture, Education, and Health	1 2	1		6	Japanese Experience of Human Development-Culture, Education, and Health	1 2	1		6
SDGs	1 2	1		8	SDGs	1 2	1		8
SDGs	1 2 1	1 1	1 2	8 2				1 2 3 t	1 1
									<b>8</b> <b>2 8</b>





Advanced Power System Engineering (	1 2	2	1								
	1 2	2	1						3		
	1 2	2		1							
	1 2	2	1	1					1		
	1 2	2		1							
	1 2	2			1				1		
	1 2	2				1					
	1 2	2		1							
	1 2	2		1							
	1 2	2		1							
	1 2	2		1							
	1 2	2		1							
	1 2	2		1							
	1 2	2		1							
	1 2	2		1							
	1 2	2		1							
	1 2	2		1							
	1	2	8	6		6			10		
	1	2	8	6		6			10		
	1 2	4	8	6		6			10		
28		0	58	0	8	7	0	6	0	10	
Mechanical Behavior and Strength of Engineering Materials	1 2	2		1							
	1 2	2		1							
	1 2	2		1	1			1			
	1 2	2		2							
	1 2	2		2							
	1 2	2		1	1						
Control System Design	1 2	2		1	1						
	1 2	2		1							
	1 2	2		1							
Advanced Autonomous Systems Engineering	1 2	2		1							
	1 2	2		1							
	1 2	2		1	1						
	1 2	2		1							
	1 2	2		1							
Optimization of Structural and Process Design	1 2	2		1					1		
Applied Materials Physics	1 2	2		1	1						
	1 2	2		1	1						
Combustion	1 2	2		1	1						
Advanced Microstructure of Materials	1 2	2		1			1				
	1 2	2		1	1						
Advanced Energy Plant	1 2	2		1					1		
	1 2	2		1							
	1 2	2		1	1						
	1 2	2		1	1			1			
Advanced Biomass Resources	1 2	2		1			1				
Advanced Biofuel Engineering	1 2	2		1					2		
	1 2	2		1							
	1 2	2		2	1						
Japanese-style Business Management and Manufacturing	1 2	2							1		
	1 2	2									
	1 2	2		1							
	1 2	2		1							
	1 2	2		1							
	1 2	2		1							
	1 2	2		1							
	1 2	2		1							
	1	2	15	12		8					
	1	2	15	12		8					
	1 2	4	15	12		7					
39		0	80	0	16	12	0	8	0	5	
	1	2		1							
	1	2		1							
	1	2		1							

Advanced Power System Engineering (	1 2	2	1								
	1 2	2	1						3		
	1 2	2		1							
	1 2	2		1	1						
	1 2	2		1					1		
	1 2	2		1							
	1 2	2		1							
	1 2	2		1							
	1 2	2		1							
	1 2	2		1							
	1 2	2		1							
	1 2	2		1							
	1 2	2		1							
	1 2	2		1							
	1 2	2		1							
	1 2	2		1							
	1 2	2		1							
	1 2	2		1							
	1 2	2		1							
	1 2	2		1							
	1	2	7	7		6			10		
	1	2	7	7		6			10		
	1 2	4	7	7		6			10		
28		0	58	0	7	8	0	6	0	10	
Mechanical Behavior and Strength of Engineering Materials	1 2	2		1							
	1 2	2		1							
	1 2	2		2	0			1			
	1 2	2		2							
	1 2	2		2							
	1 2	2		2							
Control System Design	1 2	2		1	1						
	1 2	2		1							
	1 2	2		1							
Advanced Autonomous Systems Engineering	1 2	2		1							
	1 2	2		1							
	1 2	2		1	1						
	1 2	2		1							
	1 2	2		1							
Optimization of Structural and Process Design	1 2	2		1					1		
Applied Materials Physics	1 2	2		1	1						
	1 2	2		1	1						
Combustion	1 2	2		1	1						
Advanced Microstructure of Materials	1 2	2		1			1	0			
	1 2	2		1	1						
Advanced Energy Plant	1 2	2		1							
	1 2	2		1							
	1 2	2		1	1						
	1 2	2		1	1				1		
Advanced Biomass Resources	1 2	2		1					1		
Advanced Biofuel Engineering	1 2	2		1							
	1 2	2		1							
	1 2	2		2	1						
Japanese-style Business Management and Manufacturing	1 2	2							1		
	1 2	2									
	1 2	2		1							
	1 2	2		1							
	1 2	2		1							
	1 2	2		1							
	1 2	2		1							
	1 2	2		1							
	1 2	2		1							
	1	2	16	12		6					
	1	2	16	12		6					
	1 2	4	16	12		6					
39		0	80	0	17	12	0	6	0	5	
	1	2		1							
	1	2		1							
	1	2		1							

	1		2		1					
	1		2		1					
	1		2		1					
	1		2		1	1				
	1 2		2		1	1				
	1 2		2		1	1				
	1 2		2		1	1				
	1 2		2		1	1				
	1 2		2		1	1				
			1		1					
	1 2		1		1					
	1 2		1		1					
	1 2		1		1					
	1 2		1		1					
	1		2		4	6		4		
	1		2		4	6		4		
	1 2		4		4	6		4		
18		0	33	0	4	6	0	4	0	0
I	1		2		1					
	1		2		1					
	1		2		1					
	1		2		1					
	1		2		1					
	1		2		1					
	1		2		1	1				
	1		2		1	1				
	1		2		1	1				
	1		2		1	1				
	1 2		2		1	1				
	1 2		2		1	1				
	1 2		2		1	1				
	1 2		2		1	1				
	1 2		2		1	1				
	1 2		2		1	1				
	1 2		2		1	1				
	1 2		2		1	1				
	1 2		2		1	1				1
	1 2		2		1	1				1
	1		2		5	6				1
	1		2		5	6				1
26	1 2	0	4	0	5	6	0	0	0	3
Management of Natural Disasters Environmental Fluid Mechanics	1		2		1					
	1		2		1					
	1		2		1		1			
	1		2		1	3		1		
	1		2		1					
	1		2		1					
	1		2		1					
Infrastructure and Regional Planning	1		2		1					
Advanced Techni cal English Writ ing for Civil and Envi ronmental Engi neeri ng	1		2		1					
	1 2									
	1 2		2		1					
Advanced River Engi neeri ng	1 2		2		1					
	1 2		2		1					
	1 2		2		1					
Advanced Envi ronmental Systems Engi neeri ng	1 2		2		1					
	1 2		1		1					
A	1 2		1		1					
B	1 2		1		1					
C	1 2		1		1					
D	1 2		1		1					

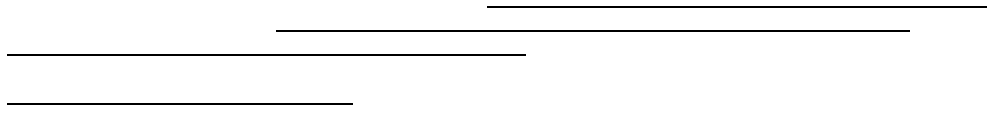
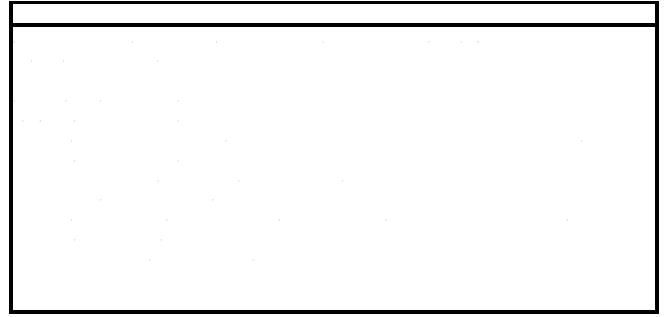
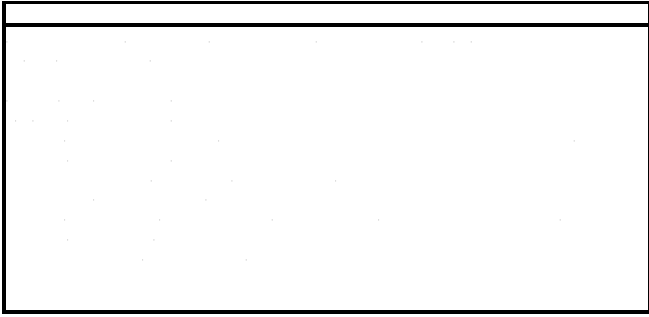
	1		2		1					
	1		2		1					
	1		2		1					
	1		2		1	1				
	1 2		2		1	1				
	1 2		2		1	1			0	
	1 2		2		1	1				1
	1 2		2		1	1				
	1 2		2		1	1				
			1		1					
	1 2		1		1					
	1 2		1		1					
	1 2		1		1					
	1 2		1		1					
	1		2		4	6		4		1
	1		2		4	6		4		1
	1 2		4		4	6		4		1
18		0	33	0	5	4	0	4	0	1
I	1		2		1					
	1		2		1					
	1		2		1					
	1		2		1					1
	1		2		1					
	1		2		1					
	1		2		1					
	1		2		1					
	1		2		1					
	1		2		1					
	1 2		2		1					
	1 2		2		1					
	1 2		2		1					
	1 2		2		1					
	1 2		2		1					
	1 2		2		1					
	1 2		2		1					1
	1 2		2		1					1
	1		2		5	6		2		2
	1		2		5	6		2		2
26	1 2	0	4	0	5	6	0	2	0	4
Management of Natural Disasters Environmental Fluid Mechanics	1		2		1					
	1		2		1					
	1		2		1					
	1		2		1	3		1		
	1		2		1					
	1		2		1					
	1		2		1					
Infrastructure and Regional Planning	1		2		1					
Advanced Techni cal English Writ ing for Civil and Envi ronmental Engi neeri ng	1		2		1					
	1 2									
	1 2		2		1					
Advanced River Engi neeri ng	1 2		2		1					
	1 2		2		1					
	1 2		2		1					
Advanced Envi ronmental Systems Engi neeri ng	1 2		2		1					
	1 2		1		1					
A	1 2		1		1					
B	1 2		1		1					
C	1 2		1		1					
D	1 2		1		1					

A	1	2	5	7	5	2
B	1	2	5	7	5	2
	1 2	4	5	7	3	2
21		0 40	0 5	7	0 5	0 2
Advanced Parallel Architectures and Algorithms	1 2	2	1			
Embedded System	1 2	2	1	1		
Database Engineering	1 2	2	1			
Cryptography	1 2	2	1			
Computational Complexity Theory	1 2	2	1			
Mobile Computing	1 2	2	1			
Applied Mechanoinformatics	1 2	2	1			
Dependable Computing	1 2	2	1			
Artificial and Natural Intelligence	1 2	2	1			
	1 2	2	1			
	1 2	2	1			
	1 2	2	1			
	1 2	2	1			
	1 2	2	1			
	1 2	2	1			
	1 2	2	1			
	1 2	2	1			
	1 2	2	1			
Analysis in Information Science	1 2	2	1			
Data Management	1 2	2	1			
	1 2	2	1			
	1 2	2	1			
	1 2	2	1			
A	1 2	1	1		1	
B	1 2	1	1		1	
C	1 2	1	1		1	
D	1 2	1	1		1	
A	1	2	14	11	1	5
B	1	2	14	11	1	5
	1 2	4	14	11	1	2
29		0 56	0 14	11	1 5	0 0
A	1 2	2	5	8	5	
B	1 2	2	5	8	5	
A	1 2	2	6	9	1	3
B	1 2	2	6	9	1	3
	1 2	2	2			
	1 2	2	1			
	1 2	2	1			
A	1 2	2	1			
B	1 2	2	1			
A	1 2	2	1			
B	1 2	2	1			
A	1 2	2	1			
B	1 2	2	1			
ビーム物理学	1 2	2	1	1		
加速器物理学	1 2	2	1	1		
	1 2	2	1			
	1 2	2	1			
Quantum Optics	1 2	2	1			
	1 2	2	1			
	1 2	2	1			
	1 2	2	1			
LSI	1 2	2	1			
LSI	1 2	2	1			
A	1 2	2	1			
B	1 2	2	1			
RF 高速回路設計のための電磁気学	1 2	2	1			
	1 2	2	1			
	1 2	2	1			
A	1 2	1	1			
B	1 2	1	1			
A	1 2	1	1			
B	1 2	1	1			
	1 2	2	1	2		
	1 2	2	2			

A	1	2	5	8	6	2
B	1	2	5	8	6	2
	1 2	4	5	8	4	2
21		0 40	0 5	8	0 6	0 2
Advanced Parallel Architectures and Algorithms	1 2	2	1			
Embedded System	1 2	2	1	1		
Database Engineering	1 2	2	1			
Cryptography	1 2	2	1			
Computational Complexity Theory	1 2	2	1			
Mobile Computing	1 2	2	1			
Applied Mechanoinformatics	1 2	2	1			
Dependable Computing	1 2	2	1			
Artificial and Natural Intelligence	1 2	2	1			
	1 2	2	1			
	1 2	2	1			
	1 2	2	1			
	1 2	2	1			
	1 2	2	1			
	1 2	2	1			
	1 2	2	1			
	1 2	2	1			
Analysis in Information Science	1 2	2	1			
Data Management	1 2	2	1			
	1 2	2	1			
	1 2	2	1			
	1 2	2	1			
A	1 2	1	1		1	
B	1 2	1	1		1	
C	1 2	1	1		1	
D	1 2	1	1		1	
A	1	2	14	11	1	5
B	1	2	14	11	1	5
	1 2	4	14	11	1	2
29		0 56	0 14	11	1 5	0 0
A	1 2	2	6	8	5	1
B	1 2	2	6	8	5	1
A	1 2	2	8	8	1	4
B	1 2	2	8	8	1	4
	1 2	2	2			
	1 2	2	1			
	1 2	2	1			
A	1 2	2	1	0		
B	1 2	2	1	0		
A	1 2	2	1			
B	1 2	2	1			
A	1 2	2	1			
B	1 2	2	1			
ビーム物理学	1 2	2	1	1		
加速器物理学	1 2	2	1	1		
	1 2	2	1			
	1 2	2	1			
Quantum Optics	1 2	2	1	0		
	1 2	2	1			
	1 2	2	1			
	1 2	2	1			
LSI	1 2	2	2			2
LSI	1 2	2	2			2
A	1 2	2	1			
B	1 2	2	1			
RF 高速回路設計のための電磁気学	1 2	2	1			
	1 2	2	1			
	1 2	2	1			
A	1 2	1	1			1
B	1 2	1	1			1
A	1 2	1	1			1
B	1 2	1	1			1
	1 2	2	2	1		1
	1 2	2	2	3	1	1







Hiroshi na  
SDGs  
SDGs

SDG

1 2

1 2

1 2

1 2

NOT

1 2

1 2

1 2

1 2

1 2

1 2

A

B

A

B

1

A

B

Introductory course to advanced physics

1

X

1

A

B

1

2

A

B

1 2  
A B

Advanced Microstructure of Materials

I

A B

A B  
A B

Quantum Optics  
A  
LSI

B  
1 A

B A

A B  
A B

International Environmental Cooperation Studies

Development Technology

Numerical Environmental Impact Assessment I	1 2	1 2
Numerical Environmental Impact Assessment II	1 2	1 2
Geographic Information System Technology	1 2	1 2
Environmental Monitoring	1 2	

Environmental Health Science      Urban Environmental Science

A

B

0	422	0	422	0	429	0	429	
				[ 0 ]	[ 7 ]	[ 0 ]	[ 7 ]	


---


---

$$\frac{0}{422}$$

0

スペシャリスト型SDGsアイデアマイニング学生セミナー SDGs	1 2 3	1									2
	1 2 3	1									1
	1 2 3	1									4
	1 2 3	2									1
	1 2 3	2	1								
	1 2 3	1									1
	1 2 3	1									9
	1 2 3	1									1
	1 2 3	1									1
	1 2 3	1									1
	1 2 3	2									1
	1 2 3	2									1
12	0	16	0	1	0	0	0	0	0	0	19
	1 2 3	1		15							1
	1 2 3	2		15							1
Technology Strategy and R&D Management	1 2 3	1									1
	1 2 3	1									1
	1 2 3	1									1
	1 2 3	1									1
	1 2 3	2		15							1
7	0	9	0	16	0	0	0	0	0	0	4
	1 3	12		9	7						4
	1 3	12		16	14			9			
	1 3	12		7	6			2			3
	1 3	12		9	7	1	1				
	1 3	12		8	4			6			1
	1 3	12		7	4			5			
	1 3	12		8	6			6			10
	1 3	12		15	11			7			
	1 3	12		4	6			3			
	1 3	12		5	5						1
	1 3	12		5	7			2			2
	1 3	12		14	11			2			
	1 3	12		14	17	1		5			
1 3	12		12	12	1					12	
14	0	168	0	121	107	3	47	0	0	0	30
33	0	193	0	121	107	3	47	0	0	0	50

スペシャリスト型SDGsアイデアマイニング学生セミナー SDGs	1 2 3	1										8
	1 2 3	1										1
	1 2 3	1										9
	1 2 3	2										1
	1 2 3	2						0	1			
	1 2 3	1								1		1
	1 2 3	1										9
	1 2 3	1										2
	1 2 3	1										1
	1 2 3	1										1
	1 2 3	2								1		2
	1 2 3	2										1
12	0	16	0	1	1	0	1	0	1	0	32	
	1 2 3	1		15								1
	1 2 3	2		15								1
Technology Strategy and R&D Management	1 2 3	1										1
	1 2 3	1										1
	1 2 3	1										1
	1 2 3	1										1
	1 2 3	2		15								1
7	0	9	0	16	0	0	0	0	0	0	4	
	1 3	12		10	7			2				4
	1 3	12		16	18			9				
	1 3	12		7	8			2				2
	1 3	12		11	8	1	1					
	1 3	12		9	3			6				1
	1 3	12		7	4			5				
	1 3	12		7	7			6				10
	1 3	12		16	12			5				
	1 3	12		5	4			3				1
	1 3	12		5	6			2				2
	1 3	12		5	8			2				2
	1 3	12		14	11	1		2				
	1 3	12		14	17	1		7				
1 3	12		12	13	1						12	
14	0	168	0	128	115	5	49	0	0	0	32	
33	0	193	0	128	115	5	50	0	0	0	63	

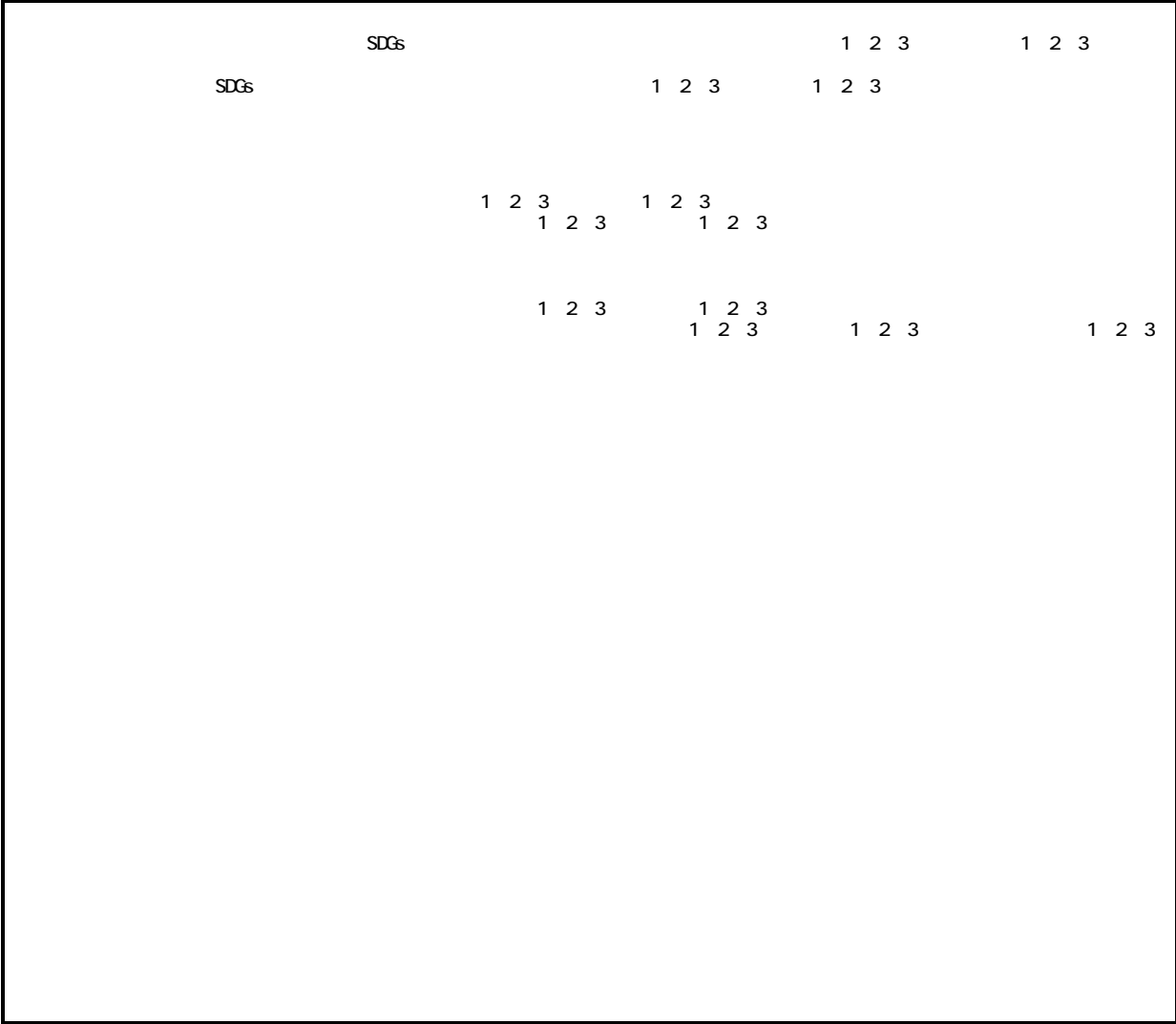
\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_





0	33	0	33	0	33	0	33	
				[ 0 ]	[ 0 ]	[ 0 ]	[ 0 ]	

---


---


---

$$\frac{0}{33}$$

0

951,632	0	0	951,632
244,009	0		
		0	
2,330,018	0		
514,567		0	514,567
514,567			514,567

331

,0

j

o

( )



								2		AC			
		4	160		610			1.06	1.08			49	
		4	120		490 ( )			1.05	1.08	30		49	( 10)
		4	40		120 ( )			1.07	1.07			30	
		4	130 3	10	550			1.06	1.04			24	
		4	130 3	10	550 ( )			1.06	1.04	30		9	( 10)
		4	445		1,810			1.02	1.03			24	
( )		4	157		631 ( )			1.01	1.03	30		12	( 3)
( )		4	82		334 ( )			1.01	1.02	30		12	( 6)
( )		4	73		303 ( )			1.02	1.00	30		12	( 11)
( )		4	81		331 ( )			1.04	1.03	30		12	( 7)
( )		4	52		211 ( )			1.04	1.07	30		12	( 3)
		4	170 3	20	730			1.06	1.03			52	
		4	140 3	10	580 ( )			1.05	1.02			7	
		4	30 3	10	150 ( )			1.10	1.06	30		7	( 10)
		4	195 3	10	815			1.06	1.03			52	
		4	150 3	5	610 ( )			1.06	1.04	30		7	( 5)
		4	45 3	5	205 ( )			1.04	1.00	30		7	( 15)
													( 5)
		4	230 3	10	940			1.05	1.02			24	
			( )										
		4	47		188 ( )			1.04	1.04			24	
		4	66		264 ( )			1.06	1.00			10	
		4	59		236 ( )			1.04	1.00			24	
		4	34		136 ( )			1.06	1.05			5	
		4	24		96 ( )			1.06	1.04			4	
		6	118		718			1.00	1.00			28	
		4	120		480			1.02	1.00			4	
		6	118		718 ( )			1.00	1.00	2		28	(13)
		4	60		240 ( )			1.02	1.00			4	
		4	30		120 ( )			1.00	1.00			4	
		4	30		120 ( )			1.02	1.00			4	
		6	53		318			1.00	1.00			40	
		4	40		160			1.03	1.02			21	

	6	53		318	( )	1.00	1.00		40	
	4	20		80	( )	1.03	1.05		21	
	4	20		80	( )	1.02	1.00		21	
	6	38		228		1.04	1.05		18	
	4	22		88		1.08	1.13		18	
	6	38		228	( )	1.04	1.05		18	
	4	22		88	( )	1.08	1.13		18	
	4	445	3 15	1,465		1.03	1.02		24	
	4				( )				13	30
	4				( )				13	30
) (	4				( )				13	30
	4	150	3 5	455	( )	1.02	1.00		30	
) (	4	90	3 3	273	( )	1.04	1.03		30	
( )	4	115	3 4	464	( )	1.01	1.01	30	13	4 ) (
	4	90	3 3	273	( )	1.07	1.05		30	
	4	90	3 10	380		1.10	1.05		54	
	4	90	3 10	380	( )	1.10	1.05		54	
	4	80	3 5	245		1.07	1.10		30	
	4	80	3 5	245	( )	1.07	1.10		30	
	6	209		1,264		1.00	1.00			
	4	2,127	80	8,273		1.04	1.03			

							2	AC		
	2	420		420			0.76	0.76	2	
	3	135		135			0.74	0.74	2	
	2	30		30			0.80	0.80	2	
	3	20		20			0.90	0.90	2	
	2	257		257	( )		0.59	0.59	2	2 3
					( )					
					( )					
					( )					
					( )					
					( )					
	3	85		85	( )		0.54	0.54	2	
					( )					
					( )					
					( )					
	2	163		163	( )		1.03	1.03	2	1 1
					( )					
					( )					
					( )					
	3	50		50	( )		1.08	1.08	2	
					( )					
					( )					
	2	30		30	( )		0.80	0.80	2	1 1
	3	20		20	( )		0.90	0.90	2	1 89
	2	449		449	( )		1.06	1.06	2	
	3	128		128	( )		0.41	0.41	2	
	2	449		449	( )		1.06	1.06	2	4 1
					( )					
					( )					
	3	128		128	( )		0.41	0.41	2	
					( )					
					( )					
	2	170		340			0.93	0.90	31	
	3	70		140			0.39	0.24	31	
	2	170		340	( )		0.93	0.90	31	1 4 4
					( )					1 3 1
					( )					1 7 1
					( )					
	3	70		140	( )		0.39	0.24	31	
					( )					
					( )					
	4	97		194			1.07	1.00	31	
	2	76		152			0.96	0.86	31	
	3	25		50			0.82	0.84	31	





2

( )

12

2

3

( )

12

2

2			( )			22	2
3			( )			22	2
2			( )			22	2
3			( )			22	2
2			( )			22	2
3			( )			22	2
2			( )			22	2
3			( )			22	2
2			( )			18	31
			( )				
3			( )			18	31
			( )				
2			( )			18	31
			( )				
3			( )			18	31
			( )				
2			( )			11	31
			( )				
3			( )			11	31
			( )				
4			( )			14	24
			( )				
			( )				
			( )				
4			( )			14	24
			( )				
			( )				
			( )				
2			( )			6	2
			( )				
			( )				
3			( )			6	2
			( )				
			( )				
2			( )			7	2
			( )				
3			( )			7	2
			( )				
			( )				
			( )			16	2
2	1, 115	1, 361		0.95	0.91		
3	358	453		0.57	0.53		
2	30	30		0.80	0.80		
3	20	20		0.90	0.90		
4	97	194		1.07	1.00		

		< 2 4 >
		<p>Japanese Experience of Social Development- Economy, Infrastructure, and Peace</p> <p style="text-align: right;">A</p> <p style="text-align: right;">B</p> <p>Environmental Management International Environmental Cooperation Studies Practical Seminar on International Cooperation Project Development Technology Regional and Urban Engineering Tourism Policy Special Seminar for Linkage Program I Special Seminar for Linkage Program II</p> <p style="text-align: right;">A</p> <p style="text-align: right;">B</p>
		< 2 4 >
		<p>SDGs</p> <p>Advanced Technical English Writing for Civil and Environmental Engineering</p> <p style="text-align: right;">B</p> <p style="text-align: right;">D</p> <p style="text-align: right;">A</p> <p style="text-align: right;">B</p>
		< 2 4 >
		<p style="text-align: right;">A</p> <p style="text-align: right;">B</p>

		< 2 4 >
		<p>Japanese Experience of Social Development- Economy, Infrastructure, and Peace</p> <p style="text-align: right;">A</p> <p style="text-align: right;">B</p> <p>Environmental Management International Environmental Cooperation Studies Practical Seminar on International Cooperation Project Development Technology Regional and Urban Engineering Tourism Policy Special Seminar for Linkage Program I Special Seminar for Linkage Program II</p> <p style="text-align: right;">A</p> <p style="text-align: right;">B</p>
		< 2 4 >
		<p>SDGs</p> <p>Advanced Technical English Writing for Civil and Environmental Engineering</p> <p style="text-align: right;">B</p> <p style="text-align: right;">D</p> <p style="text-align: right;">A</p> <p style="text-align: right;">B</p>
		< 2 4 >
		<p style="text-align: right;">A</p> <p style="text-align: right;">B</p>

		< 2 4 >
		< 2 4 >
		< 2 4 >

		< 2 4 >
		< 2 4 >
		< 2 4 >


		< 2 4 >
		Mechanical Behavior and Strength of Engineering Materials
		< 2 4 > Ph.D ( )
		< 2 4 >
		< 2 4 >
		D A B

		< 2 4 >
		Mechanical Behavior and Strength of Engineering Materials
		< 2 4 > Ph.D ( )
		< 2 4 >
		< 2 4 >
		D A B

		< 2 4 >
		<p style="text-align: center;">A B</p> <p style="text-align: center;">A</p> <p style="text-align: center;">A B</p> <p style="text-align: center;">A B</p>
		< 2 4 >
		<p style="text-align: center;">A B</p> <p style="text-align: center;">A B A B</p>
		< 2 4 >
		<p style="text-align: center;">A B</p>

		< 2 4 >
		<p style="text-align: center;">A B</p> <p style="text-align: center;">A</p> <p style="text-align: center;">A B</p> <p style="text-align: center;">A B</p>
		< 2 4 >
		<p style="text-align: center;">A B</p> <p style="text-align: center;">A B A B</p>
		< 2 4 >
		<p style="text-align: center;">A B</p>

		< 2 4 >
		A C A B
		< 2 4 >
		< 2 4 >
		< 2 4 >

		< 2 4 >
		A C A B
		< 2 4 >
		< 2 4 >
		< 2 4 >



		< 2 4 >
		< 2 4 > Ph.D ( )
		< 2 4 >
		< 2 4 >

		< 2 4 >
		< 2 4 > Ph.D ( )
		< 2 4 >
		< 2 4 >

		< 2 4 >
		< 2 4 >
		Introductory course to advanced physics
		< 2 4 >
		Introductory course to advanced physics
		< 2 4 >
		Introductory course to advanced physics

		< 2 4 >
		< 2 4 >
		Introductory course to advanced physics
		< 2 4 >
		Introductory course to advanced physics
		< 2 4 >
		Introductory course to advanced physics

		< 2 4 >
		A B
		< 2 4 >
		< 2 4 >
	X	
		< 2 4 >
		< 2 4 >

		< 2 4 >
		A B
		< 2 4 >
		< 2 4 >
	X	
		< 2 4 >
		< 2 4 >

		< 2 4 >
		< 2 4 >
		A B
		< 2 4 >
		< 2 4 >
		< 2 4 >

		< 2 4 >
		< 2 4 >
		A B
		< 2 4 >
		< 2 4 >
		< 2 4 >

		< 2 4 >
		A B
		< 2 4 >
		A B
		< 2 4 >
		< 2 4 >

		< 2 4 >
		A B
		< 2 4 >
		A B
		< 2 4 >
		< 2 4 >

		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		A B

		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		A B

		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >

		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >

		< 2 4 >
		< 2 4 > Dr. rer. nat. ( )
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >

		< 2 4 >
		< 2 4 > Dr. rer. nat. ( )
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >



		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >

		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >

		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >

		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >

		< 2 4 >
		Advanced Power System Engineering ( )
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		Mechanical Behavior and Strength of Engineering Materials
		< 2 4 >
		Control System Design

		< 2 4 >
		Advanced Power System Engineering ( )
		< 2 4 >
		< 2 4 >
		< 2 4 >
		Mechanical Behavior and Strength of Engineering Materials
		< 2 4 >
		Control System Design

		< 2 4 > Ph.D ( )
		< 2 4 >
		Advanced Autonomous Systems Engi neeri ng
		< 2 4 >
		Advanced Bi omass Resources Advanced Bi ofuel Engi neeri ng
		< 2 4 >
		< 2 4 >
		Appl ied Materi al s Physi cs
		< 2 4 >
		Combusti on

		< 2 4 > Ph.D ( )
		< 2 4 >
		Advanced Autonomous Systems Engi neeri ng
		< 2 4 >
		Advanced Bi omass Resources Advanced Bi ofuel Engi neeri ng
		< 2 4 >
		< 2 4 >
		Appl ied Materi al s Physi cs
		< 2 4 >
		Combusti on

		< 2 4 >
		Advanced Microstructure of Materials
		< 2 4 >
		Advanced Energy Plant
		A B
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >

		< 2 4 >
		Advanced Microstructure of Materials
		< 2 4 >
		Advanced Energy Plant
		A B
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >

		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		A B
		< 2 4 >
		Management of Natural Disasters A B

		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		A B
		< 2 4 >
		Management of Natural Disasters A B

		< 2 4 >
		A B
		< 2 4 >
		Advanced Parallel Architectures and Algorithms A B
		< 2 4 >
		Embedded System B A B
		< 2 4 >
		Cryptography A B
		< 2 4 >
		Computational Complexity Theory A B
		< 2 4 >
		Applied Mechano-informatics C A B
		< 2 4 >
		Dependable Computing A A B

		< 2 4 >
		A B
		< 2 4 >
		Advanced Parallel Architectures and Algorithms A B
		< 2 4 >
		Embedded System B A B
		< 2 4 >
		Cryptography A B
		< 2 4 >
		Computational Complexity Theory A B
		< 2 4 >
		Applied Mechano-informatics C A B
		< 2 4 >
		Dependable Computing A A B

		< 2 4 >
		A B
		< 2 4 >
		A B
		< 2 4 >
		A B
		< 2 4 >
		A B
		< 2 4 >
		Data Management A B
		< 2 4 >
		A B
		< 2 4 >
		A B  A B

		< 2 4 >
		A B
		< 2 4 >
		A B
		< 2 4 >
		A B
		< 2 4 >
		A B
		< 2 4 >
		Data Management A B
		< 2 4 >
		A B
		< 2 4 >
		A B  A B



		< 2 4 >
		A B A B
		< 2 4 >
		A B A B
		< 2 4 >
		A B A B
		< 2 4 >
		A B A B
		< 2 4 >
		A B A B

		< 2 4 >
		A B A B
		< 2 4 >
		A B A B
		< 2 4 >
		A B A B
		< 2 4 >
		A B A B
		< 2 4 >
		A B A B

		< 2 4 >
		A B A A B
		< 2 4 >
		A B  A B
		< 2 4 >
		A B  LSI  A B
		< 2 4 >
		A B  A B

		< 2 4 >
		A B A A B
		< 2 4 >
		A B  A B
		< 2 4 >
		A B  LSI  A B
		< 2 4 >
		A B  A B

		< 2 4 >
		A B
		A B
		< 2 4 >
		A B
		A B
		< 2 4 >
		SDGs Management of Natural Disasters
		A B
		< 2 4 >
		SDGs
		A B

		< 2 4 >
		A B
		A B
		< 2 4 >
		A B
		A B
		< 2 4 >
		A B
		A B
		< 2 4 >
		LSI
		A B
		A B
		< 2 4 >
		SDGs Management of Natural Disasters
		A B
		< 2 4 >
		SDGs
		A B

		< 2 4 >
		A B
		< 2 4 >
		< 2 4 >
		< 2 4 >

		< 2 4 >
		A B
		< 2 4 >
		< 2 4 >
		< 2 4 >

		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >

		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >

		< 2 4 >
		Introductory course to advanced physics
		< 2 4 >
		Introductory course to advanced physics
		< 2 4 >
		< 2 4 >

		< 2 4 >
		Introductory course to advanced physics
		< 2 4 >
		Introductory course to advanced physics
		< 2 4 >
		< 2 4 >

		< 2 4 >
		A B  A B
		< 2 4 >
		X
		< 2 4 >
		< 2 4 >

		< 2 4 >
		A B  A B
		< 2 4 >
		X
		< 2 4 >
		< 2 4 >

		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		A B
		< 2 4 >
		A B

		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		A B
		< 2 4 >
		A B



		< 2 4 >
		A B
		( ) < 2 4 >
		DAS KAUSH K < 2 4 >
		< 2 4 >

		< 2 4 >
		A B
		( ) < 2 4 >
		DAS KAUSH K < 2 4 >
		< 2 4 >

		< 2 4 >
		A B
		< 2 4 >
		A B
		< 2 4 >
		A B
		< 2 4 >
		< 2 4 >

		< 2 4 >
		A B
		< 2 4 >
		A B
		< 2 4 >
		A B
		< 2 4 >
		< 2 4 >
		< 2 4 >

		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >

		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >

		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >

		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >

		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >

		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >

		< 2 4 >
		A B A B
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		Control System Design
		< 2 4 >
		< 2 4 >
		Optimization of Structural and Process Design

		< 2 4 >
		A B A B
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		Control System Design
		< 2 4 >
		< 2 4 >
		Optimization of Structural and Process Design

		< 2 4 >
		Applied Materials Physics
		< 2 4 >
		Combustion
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >

		< 2 4 >
		Applied Materials Physics
		< 2 4 >
		Combustion
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >

		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >

		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		I



		< 2 4 >
		< 2 4 >
		< 2 4 >
		I
		< 2 4 >
		KHAJI NASER < 2 4 >
		A B
		< 2 4 >
		Management of Natural Disasters Environmental Fluid Mechanics Advanced River Engineering A B

		< 2 4 >
		< 2 4 >
		< 2 4 >
		I
		< 2 4 >
		KHAJI NASER < 2 4 >
		A B
		< 2 4 >
		Management of Natural Disasters Environmental Fluid Mechanics Advanced River Engineering A B

		( ) < 2 4 >
		Management of Natural Disasters Advanced Environmental Systems Engineering A B
		< 2 4 >
		Infrastructure and Regional Planning A B
		< 2 4 >
		A B
		< 2 4 >
		A B
		Environmental Management Developing Designing Ability International Environmental Cooperation Studies Practical Seminar on International Cooperation Project Development Technology Energy Science and Technology Numerical Environmental Impact Assessment I Numerical Environmental Impact Assessment II Special Seminar for Linkage Program I Special Seminar for Linkage Program II A B
		< 2 4 >
		Embedded System A B

		( ) < 2 4 >
		Management of Natural Disasters Advanced Environmental Systems Engineering A B
		< 2 4 >
		Infrastructure and Regional Planning A B
		< 2 4 >
		A B
		< 2 4 >
		A B
		Environmental Management Developing Designing Ability International Environmental Cooperation Studies Practical Seminar on International Cooperation Project Development Technology Energy Science and Technology Numerical Environmental Impact Assessment I Numerical Environmental Impact Assessment II Special Seminar for Linkage Program I Special Seminar for Linkage Program II A B
		< 2 4 >
		Embedded System A B

		< 2 4 >
		Database Engineering A B
		< 2 4 >
		Mobile Computing A B
		RAYCHEV BISSER ROUMINOV < 2 4 >
		Artificial and Natural Intelligence A B
		< 2 4 >
		A B
		< 2 4 >
		A B
		< 2 4 >
		A B
		< 2 4 >
		A B

		< 2 4 >
		Database Engineering A B
		< 2 4 >
		Mobile Computing A B
		RAYCHEV BISSER ROUMINOV < 2 4 >
		Artificial and Natural Intelligence A B
		< 2 4 >
		A B
		< 2 4 >
		A B
		< 2 4 >
		A B
		< 2 4 >
		A B

[REDACTED]		
	[REDACTED]	

		< 2 4 >
		A B A B A B
		< 2 4 >
		A B B A B
		< 2 4 >
		A B B A B
		< 2 4 >
		A B A B A B

		< 2 4 >
		A B A B A B
		< 2 4 >
		A B B A B
		< 2 4 >
		A B B A B
		< 2 4 >
		A B A B A B

		< 2 4 >
		A B
		A B
		< 2 4 >
		A B
		A B
		HOFMANN HOLGER FRI EDRI CH
		< 2 4 > ( )
		A B
		Quantum Opti cs
		A B
		< 2 4 >
		A B
		A B
		< 2 4 >
		A B
		RF
		A B
		A B

		< 2 4 >
		A B
		A B
		< 2 4 >
		A B
		A B
		HOFMANN HOLGER FRI EDRI CH
		< 2 4 > ( )
		A B
		Quantum Opti cs
		A B
		< 2 4 >
		A B
		A B
		< 2 4 >
		A B
		RF
		A B
		A B

		< 2 4 >
		A B B A B
		< 2 4 >
		A B LSI A B
		< 2 4 >
		A B  A B
		TRAN DANG XUAN < 2 4 >
		Environmental Management International Environmental Cooperation Studies Development Technology Botany Resources for the Future Environmental Monitoring Biomass Energy Technology Special Seminar for Linkage Program I Special Seminar for Linkage Program II  A B

		< 2 4 >
		A B B A B
		< 2 4 >
		A B LSI A B
		< 2 4 >
		A B  A B
		TRAN DANG XUAN < 2 4 >
		Environmental Management International Environmental Cooperation Studies Development Technology Botany Resources for the Future Environmental Monitoring Biomass Energy Technology Special Seminar for Linkage Program I Special Seminar for Linkage Program II  A B

		< 2 4 >
		<p>Environmental Management International Environmental Cooperation Studies Practical Seminar on International Cooperation Development Technology Ecosystem Conservation and Management Science Management and Conservation of Ecosystems Special Seminar for Linkage Program I Special Seminar for Linkage Program II</p> <p style="text-align: center;">A B</p>

		< 2 4 >
		<p>Environmental Management International Environmental Cooperation Studies Practical Seminar on International Cooperation Development Technology Ecosystem Conservation and Management Science Management and Conservation of Ecosystems Special Seminar for Linkage Program I Special Seminar for Linkage Program II</p> <p style="text-align: center;">A B</p>
		< 2 4 >
		< 2 4 > Dr. rer. nat. (
		ANDRIY LEONOV < 2 4 > Dr. rer. nat. (
		< 2 4 >



		< 2 4 >
		A B
		A B
		< 2 4 >
		< 2 4 >

		< 2 4 >
		< 2 4 >
		< 2 4 >
		A B
		A B
		< 2 4 >
		< 2 4 >

		< 2 4 >
		< 2 4 >
		A B  A B
		< 2 4 >
		A B  A B
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		Introductory course to advanced physics

		< 2 4 >
		< 2 4 >
		A B  A B
		< 2 4 >
		A B  A B
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		Introductory course to advanced physics

		< 2 4 >
		Introductory course to advanced physics
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >

		< 2 4 >
		Introductory course to advanced physics
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		X



		< 2 4 >
		< 2 4 >
		< 2 4 >
		A B
		< 2 4 >
		A B
		< 2 4 >
		< 2 4 >

		< 2 4 >
		< 2 4 >
		< 2 4 >
		A B
		< 2 4 >
		A B
		< 2 4 >
		< 2 4 >

		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		SHANG RONG < 2 4 > Doctor of Philosophy ( )
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >

		< 2 4 >
		< 2 4 >
		< 2 4 >
		SHANG RONG < 2 4 > Doctor of Philosophy ( )
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >



< 2 4 >


\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		KI M VOOKYUNG < 2 4 >
		< 2 4 >
		Advanced Microstructure of Materials

		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		KI M VOOKYUNG < 2 4 >
		< 2 4 >
		Advanced Microstructure of Materials



		< 2 4 >
		< 2 4 >
		Advanced Business Resources
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >

		< 2 4 >
		< 2 4 >
		Advanced Business Resources
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >

		< 2 4 >
		< 2 4 >
		Management of Natural Disasters A B
		< 2 4 >
		A B
		< 2 4 >
		A B
		< 2 4 >
		A B
		Development Technology Geographic Information System Technology A B
		TROSELJ JOSKO < 2 4 >
		A B A B
		< 2 4 >
		A B

		< 2 4 >
		< 2 4 >
		Management of Natural Disasters A B
		< 2 4 >
		A B
		< 2 4 >
		A B
		< 2 4 >
		A B
		Development Technology Geographic Information System Technology A B
		TROSELJ JOSKO < 2 4 >
		A B A B International Environmental Cooperation Studies
		< 2 4 >
		A B

		< 2 4 >
		B C A B
		< 2 4 >
		A B A B
		< 2 4 >
		A B A B
		< 2 4 >
		A B A B
		< 2 4 >
		A B A B
		< 2 4 >
		A B A B

		< 2 4 >
		B C A B
		< 2 4 >
		A B A B
		< 2 4 >
		A B A B
		< 2 4 >
		A B A B
		< 2 4 >
		A B A B
		< 2 4 >
		A B A B

		< 2 4 >
		A B A B
		< 2 4 >
		A B A B
		< 2 4 >
		A B A B
		ZHANG ZHAO < 2 4 >
		A B A B
		< 2 4 >
		A B A B

		< 2 4 >
		A B A B
		< 2 4 >
		A B A B
		< 2 4 >
		A B A B
		ZHANG ZHAO < 2 4 >
		A B A B
		< 2 4 >
		A B A B

		< 2 4 >
		A B
		A B
		< 2 4 >
		A B A B
		< 2 4 >
		A B
		< 2 4 >
		A B

		< 2 4 >
		A B
		A B
		< 2 4 >
		A B A B
		< 2 4 >
		A B
		< 2 4 >
		A B
		<b>RAMSAY SARAVANAKUMAR</b> < 2 4 >
		< 2 4 >
		<b>KIMSANGMOCK</b> < 2 4 >
		<b>MIN SAI NERVA MITI</b> < 2 4 >


		< 2 4 >
		<b>COSQUER GOLVEN</b>
		< 2 4 > Ph.D (     )
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		A B
		< 2 4 >
		A B



		< 2 4 >
		Japanese Experience of Social Development- Economy, Infrastructure, and Peace International Environmental Cooperation Studies Practical Seminar on International Cooperation Project
		< 2 4 >
		Japanese Experience of Social Development- Economy, Infrastructure, and Peace
		< 2 4 > Ph. D. ( )
		Japanese Experience of Human Development-Culture, Education, and Health International Environmental Cooperation Studies Practical Seminar on International Cooperation Project
		< 2 4 >
		Japanese Experience of Human Development-Culture, Education, and Health SDGs
		< 2 4 >
		Japanese Experience of Human Development-Culture, Education, and Health SDGs
		MAHARJAN KESHAV LALL < 2 4 >
		Japanese Experience of Human Development-Culture, Education, and Health International Environmental Cooperation Studies
		< 2 4 >
		Japanese Experience of Human Development-Culture, Education, and Health
		< 2 4 >
		Japanese Experience of Human Development-Culture, Education, and Health SDGs
		< 2 4 >
		SDGs

		< 2 4 >
		Japanese Experience of Social Development- Economy, Infrastructure, and Peace  Practical Seminar on International Cooperation Project
		< 2 4 >
		Japanese Experience of Social Development- Economy, Infrastructure, and Peace
		< 2 4 > Ph. D. ( )
		Japanese Experience of Human Development-Culture, Education, and Health  Practical Seminar on International Cooperation Project
		< 2 4 >
		Japanese Experience of Human Development-Culture, Education, and Health SDGs
		< 2 4 >
		Japanese Experience of Human Development-Culture, Education, and Health SDGs
		MAHARJAN KESHAV LALL < 2 4 >
		Japanese Experience of Human Development-Culture, Education, and Health
		< 2 4 >
		Japanese Experience of Human Development-Culture, Education, and Health
		< 2 4 >
		Japanese Experience of Human Development-Culture, Education, and Health SDGs
		< 2 4 >
		SDGs





		< 2 4 >
		< 2 4 >
		<p style="text-align: right;">A B</p> <p>Environmental Management Development Designing Ability</p> <p>International Environmental Cooperation Studies Practical Seminar on International Cooperation Project</p> <p>Transportation Engineering Transportation Planning Special Seminar for Linkage Program I Special Seminar for Linkage Program II</p> <p style="text-align: right;">A B</p>
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >

		< 2 4 >
		< 2 4 >
		<p style="text-align: right;">A B</p> <p>Environmental Management Development Designing Ability</p> <p>International Environmental Cooperation Studies Practical Seminar on International Cooperation Project</p> <p>Transportation Engineering Transportation Planning Special Seminar for Linkage Program I Special Seminar for Linkage Program II</p> <p style="text-align: right;">A B</p>
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >

		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		Advanced Bi ofuel Engi neeri ng
		< 2 4 >
		A B
		< 2 4 >
		A B
		< 2 4 >
		A B

		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		Advanced Bi ofuel Engi neeri ng
		< 2 4 >
		A B
		< 2 4 >
		A B
		< 2 4 >
		A B

		< 2 4 >
		A B
		< 2 4 >
		A B
		< 2 4 >
		NOT NOT
		< 2 4 >
		Japanese-style Business Management and Manufacturing Japanese-style Manufacturing
		< 2 4 >
		H roshi na
		< 2 4 >
		H roshi na
		RAHVAN ND MSH UR < 2 4 >
		SDGs

		< 2 4 >
		A B
		< 2 4 >
		A B
		< 2 4 >
		NOT NOT
		< 2 4 >
		Japanese-style Business Management and Manufacturing Japanese-style Manufacturing
		< 2 4 >
		H roshi na
		< 2 4 >
		< 2 4 >
		MA
		< 2 4 >
		H roshi na
		< 2 4 >
		H roshi na
		RAHVAN ND MSH UR < 2 4 >
		SDGs



		< 2 4 >
		<p>Environmental Management  International Environmental  Cooperation Studies  Development Technology  Sustainable Architecture  Sustainable Architecture  Special Seminar for Linkage  Program I  Special Seminar for Linkage  Program II</p> <p>A  B</p>
		< 2 4 >
		<p>A  B</p> <p>Environmental Management  International Environmental  Cooperation Studies  Development Technology  Fundamentals of Survey  Methodology  Risk Management Technology  Special Seminar for Linkage  Program I  Special Seminar for Linkage  Program III</p> <p>A  B</p>
		< 2 4 >
		< 2 4 >
		<p>Development Technology</p> <p>A  B</p>

		< 2 4 >
		<p>Environmental Management  International Environmental  Cooperation Studies  Development Technology  Sustainable Architecture  Sustainable Architecture  Special Seminar for Linkage  Program I  Special Seminar for Linkage  Program II</p> <p>A  B</p>
		< 2 4 >
		<p>A  B</p> <p>Environmental Management  International Environmental  Cooperation Studies  Development Technology  Fundamentals of Survey  Methodology  Risk Management Technology  Special Seminar for Linkage  Program I  Special Seminar for Linkage  Program III</p> <p>A  B</p>
		< 2 4 >
		< 2 4 >
		<p>Development Technology</p> <p><b>Environmental Health Science</b></p> <p>A  B</p>

		< 2 4 >
		A B
		< 2 4 >
		A B
		< 2 4 >
		A B
		< 2 4 >
		< 2 4 >

		< 2 4 >
		A B
		< 2 4 >
		A B
		< 2 4 >
		A B
		< 2 4 >
		H roshi na
		VAN DER DOES LULI < 2 4 >
		H roshi na
		SHARI FI AYYOOB < 2 4 >
		International Environmental Cooperati on Stud ies Urban Envi ronmental Sci ence
		< 2 4 >
		International Environmental Cooperati on Stud ies
		< 2 4 >
		< 2 4 >




		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >

		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >

		< 2 4 > ( )
		TORCOV/ VASSILI < 2 4 > Ph. D Optimization of Structural and Process Design
		< 2 4 > ( ) Advanced Biofuel Engineering
		< 2 4 > Doctor of Philosophy
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 > Ph. D

		< 2 4 > ( )
		TORCOV/ VASSILI < 2 4 > Ph. D Optimization of Structural and Process Design
		< 2 4 > ( ) Advanced Biofuel Engineering
		< 2 4 > Doctor of Philosophy
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 > Ph. D
		< 2 4 >
		<b>Hiroshi</b>
		< 2 4 >
		<b>SDGs B</b>
		< 2 4 >
		< 2 4 >
		<b>A</b>
		<b>B</b>

		< 2 4 > Doctor of Philosophy in Work, Community, and Family Education
		2 4 >
		2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 > ( )
		< 2 4 > ( Advanced Energy Plant
		< 2 4 > ( )
		< 2 4 >

		< 2 4 >
		A B
		< 2 4 >
		LSI
		< 2 4 >
		LSI
		< 2 4 > Doctor of Philosophy in Work, Community, and Family Education
		2 4 >
		2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 > ( )
		< 2 4 > ( Advanced Energy Plant
		< 2 4 > ( )
		< 2 4 >

		< 2 4 >
		Japanese Experience of Social Development- Economy, Infrastructure, and Peace
		< 2 4 >
		SDGs
		< 2 4 >
		SDGs

		< 2 4 >
		A B
		< 2 4 >
		< 2 4 >
		< 2 4 > ( )
		A A B
		< 2 10 >
		B
		< 2 4 >
		Japanese Experience of Social Development- Economy, Infrastructure, and Peace
		< 2 4 >
		SDGs
		< 2 4 >
		SDGs

I  
HOFMANN HOLGER FRIEDRICH

ANDRIY LEONOV

X

TROSELJ JOSKO International Environmental Cooperation Studies

RAMSAMY SARAVANAKUMAR

KIMSANGWOK  
MIN SAI NJERMAI MAITI

COSQUER GOLLVEN

A  
A

B  
B

LIPTAK ZACHARY JOHN

NGUYEN VAN QUAN

MAHARJAN KESHAV LALL

Hiroshi na

Environmental Health Science

Hiroshi na

VAN DER DOES LULI

SHARIFI AYYOUB

Hiroshi na

International Environmental Cooperation Studies

Urban Environmental Science

ISLAM MOJIBUL

International Environmental Cooperation Studies

Hiroshi na  
SDGs

B

A

B

B

LSI  
LSI

A

A

A

B

B

A

B

---

---

65	-	-

121	109	5	79	314	0	128	115	5	83	331	0	
128	115	5	83	331	0							
288	9	17				305	26	0				
305	26	0										
128	115	5	83	331	0	131	115	5	83	334	0	
7	6	0	4	17	0	10	6	0	4	20	0	
305	26	0				308	26	0				
17	17	17				20	17	17				

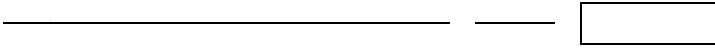
---

65	0	0

---




---





			R2 3				R2 3
			R2 3				R2 3
			R2 3				R2 3
			R2 3				R2 3
			R . 8				R . 8
			a + b + c		a	b	c
5			0		0	0	0
			18		15	3	0
			0		0	0	0
			18		15	3	0

			a + b + c		a	b	c
0			0		0	0	0
			0		0	0	0
			0		0	0	0
			0		0	0	0

	a + b + c	a	b	c	
5	0	0	0	0	
	18	15	3	0	
	0	0	0	0	
	18	15	3	0	

\_\_\_\_\_

	a + b + c	a	b	c	
0	0	0	0	0	
	0	0	0	0	
	0	0	0	0	
	0	0	0	0	

\_\_\_\_\_



		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >

		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >

		< 2 4 > Ph.D( )		< 2 4 > Ph.D( )
		< 2 4 >		< 2 4 >
		< 2 4 >		< 2 4 >
		< 2 4 >		< 2 4 >
		< 2 4 >		< 2 4 >
		< 2 4 >		< 2 4 >
		< 2 4 >		< 2 4 >
		< 2 4 > Ph.D( )		< 2 4 > Ph.D( )
		< 2 4 >		< 2 4 >
		< 2 4 >		< 2 4 >

		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >

		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >

		< 2 4 >		< 2 4 >	
		< 2 4 >		< 2 4 >	
		< 2 4 >		< 2 4 >	
		< 2 4 >		< 2 4 >	
		< 2 4 >		< 2 4 >	
		< 2 4 >		< 2 4 >	
		< 2 4 >		< 2 4 >	
		< 2 4 >		< 2 4 >	
		< 2 4 >		< 2 4 >	
		< 2 4 >		< 2 4 >	
		< 2 4 >		< 2 4 >	
		< 2 4 >		< 2 4 >	
		< 2 4 > Dr.rer.nat.( )		< 2 4 > Dr.rer.nat.( )	
		< 2 4 >		< 2 4 >	



< 2 4 >

< 2 4 >

< 2 4 >

< 2 4 >

< 2 4 >

< 2 4 >

< 2 4 >

< 2 4 >

< 2 4 >

< 2 4 >

< 2 4 >

< 2 4 >

< 2 4 >  
< 2 4 >



< 2 4 >

< 2 4 >

< 2 4 >

< 2 4 >

< 2 4 >

< 2 4 >

< 2 4 >

< 2 4 >

< 2 4 >

< 2 4 >

< 2 4 >

< 2 4 >

< 2 4 >  
00

< 2 4 >

< 2 4 >

< 2 4 >



		< 2 4 >		< 2 4 >
		< 2 4 >		< 2 4 >
		< 2 4 >		< 2 4 >
		< 2 4 >		< 2 4 >
		< 2 4 >		< 2 4 >
		< 2 4 >		< 2 4 >
		< 2 4 >		< 2 4 >
		< 2 4 >		< 2 4 >
		< 2 4 >		< 2 4 >
		< 2 4 >		< 2 4 >
		< 2 4 >		< 2 4 >
		< 2 4 >		< 2 4 >
		< 2 4 >		< 2 4 >
		2 4 >		2 4 >
		< 2 4 >		< 2 4 >
		< 2 4 >		< 2 4 >
		< 2 4 >		< 2 4 >





		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		DAS KAUSH K
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >

		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		DAS KAUSH K
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >

		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >

		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >

		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >

		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >

		< 2 4 >		< 2 4 >	
		< 2 4 >		< 2 4 >	
		< 2 4 >		< 2 4 >	
		KHAJI NASER < 2 4 >		KHAJI NASER < 2 4 >	
		< 2 4 >		< 2 4 >	
		< 2 4 >		< 2 4 >	
		< 2 4 >		< 2 4 >	
		< 2 4 >		< 2 4 >	
		RAYGHEV BI SSER ROJMINOV < 2 4 >		RAYGHEV BI SSER ROJMINOV < 2 4 >	
		< 2 4 >		< 2 4 >	
		< 2 4 >		< 2 4 >	
		< 2 4 >		< 2 4 >	
		< 2 4 >		< 2 4 >	
		< 2 4 >		< 2 4 >	
		< 2 4 >		< 2 4 >	
		< 2 4 >		< 2 4 >	
		< 2 4 >		< 2 4 >	
		< 2 4 >		< 2 4 >	
		< 2 4 >		< 2 4 >	

		< 2 4 >		< 2 4 >
		< 2 4 >		< 2 4 >
		HOFMANN HOLGER FRI EDRI CH < 2 4 >		HOFMANN HOLGER FRI EDRI CH < 2 4 >
		< 2 4 >		< 2 4 >
		< 2 4 >		< 2 4 >
		< 2 4 >		< 2 4 >
		< 2 4 >		< 2 4 >
		< 2 4 >		< 2 4 >
		< 2 4 >		< 2 4 >
		< 2 4 >		< 2 4 >
		< 2 4 >		< 2 4 >
		< 2 4 >		< 2 4 >
		TRAN DANG XUAN < 2 4 >		TRAN DANG XUAN < 2 4 >
		< 2 4 >		< 2 4 >
				< 2 4 >
				< 2 4 >
				< 2 4 > Dr. rer. nat. (







		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		KIM WOOKYUNG
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >

		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >

		< 2 4 >		< 2 4 >
		< 2 4 >		< 2 4 >
				< 2 4 >
				<b>KI MSANGWOCK</b>
				< 2 4 >
				<b>NIN SAI NLERVAI MI TI</b>
				< 2 4 >
				< 2 4 >
				< 2 4 >
				< 2 4 >
				<b>LI PIYAK ZACHRY JOHN</b>
				< 2 4 >
				<b>Ph.D. Physics</b>
				< 2 4 >
		< 2 4 >		< 2 4 >
		SDGs		SDGs
		< 2 4 >		< 2 4 >
		< 2 4 >		< 2 4 >
		< 2 4 >		< 2 4 >
		< 2 4 >		< 2 4 >
		< 2 4 >		
		< 2 4 >		



			< 2 4 >
		< 2 4 >	< 2 4 >
		SDGs	SDGs
		< 2 4 >	< 2 4 >
		SDGs	SDGs
		< 2 4 >	< 2 4 >
		< 2 4 >	< 2 4 >
		< 2 4 >	< 2 4 >
		< 2 4 >	< 2 4 >
		< 2 4 >	< 2 4 >
		< 2 4 >	< 2 4 >
		< 2 4 >	< 2 4 >
		< 2 4 >	< 2 4 >
		< 2 4 >	< 2 4 >
		< 2 4 >	< 2 4 >
		< 2 4 >	< 2 4 >
			< 2 4 >
			SDGs
			< 2 4 >
			SDGs

		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 > ( )

		< 2 4 >
		VAN DER DOES LUI < 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 >
		< 2 4 > ( )

			< 2 4 >
			< 2 4 >
		< 2 4 > ( )	< 2 4 > ( )
			< 2 4 >
			< 2 4 >
			< 2 4 >

---



---



HOFMANN HOLGER FRI EDRI CH

ANDRI Y LEONOV

KI MSANG/NOX  
MIN SAI NUERVAI NAI TI

LI PTAK ZACHARY JOHN

VAN DER DOES LULI

SDGs  
SDGs

SDGs

SDGs  
SDGs  
SDGs

43	-	-

121	107	3	47	278	0	128	115	5	50	298	0	
128	115	5	50	298	0							
252	26	0				271	27	0				
271	27	0										
128	115	5	50	298	0	131	115	5	50	301	0	
7	8	2	3	20	0	10	8	2	3	23	0	
271	27	0				274	27	0				
19	1	0				22	1	0				

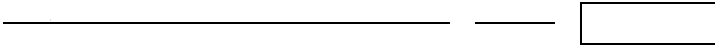
---

65	0	0

---




---



			R2 3				R2 3		
			R2 3				R2 3		
			R2 3				R2 3		
			R .8				R .8		
		a + b + c		a		b		c	
4			0		0		0		0
			4		4		0		0
			0		0		0		0
			4		4		0		0

\_\_\_\_\_

		a + b + c		a		b		c	
0			0		0		0		0
			0		0		0		0
			0		0		0		0
			0		0		0		0

\_\_\_\_\_

---

a + b + c

0

4

a

4

b

0 0

c

---




---

---

---





	6 15

	2 6	1	1	
(1)				
(2)				
(3)				
(4)				
(5)				
(6)				
(7)				
(8)				
(9)				

2 5

20

4

5