

<Who attend which lecture?>

	March																15	15	16							
	<u>01</u>	<u>01</u>	<u>02</u>	<u>02</u>	<u>03</u>	<u>03</u>	<u>05</u>	<u>05</u>	<u>06</u>	<u>06</u>	<u>07</u>	<u>07</u>	<u>09</u>	<u>09</u>	<u>10</u>	<u>10</u>	<u>12</u>	<u>12</u>	<u>13</u>	<u>13</u>	<u>14</u>					
Raman Haivaronski	o	o	o	o	o	o	-	-	o	o	o	o	o	o	o	o	o	o	o	o	o	(-)	o	E	2	-> OK
Andrei Behel	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	x	n	-> OK
Dmitry Khilkovich	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	a	d	-> OK
Valentine Ezgu	-	-	o	o	-	-	-	-	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	m		-> OK

- 03/01 (i) What is Finite State Automaton? (ii) An example of obstacle avoiding in a grid-world (iii) Application to a bending machine and language
 - 03/02 (i) Regular grammar & FSA (ii) Context free grammar & Push Down Automaton (PDA)
 - 03/03 Context sensitive grammar & Linear bounded automaton (LBA)
 - 03/05 Free grammar & Turing Machine (TM)
 - 03/06 1D Cell automaton
 - 03/07 Conway's Life game
 - 03/09 Free grammar & Turing Machine revisited - creation & recognition of strings a^n !
 - 03/10 Recognition of Palindrome by TM
 - 03/12 Toward natural language recognition by TM
 - 03/13 A definition of machine intelligence & WB - programming languages to control head of TM
 - 03/14 Universal Turing Machine
 - 04/15 Summary & Exam
 - 04/16 Exam for those who failed
- <Practices>

	March												
	<u>01</u>	<u>01</u>	<u>02</u>	<u>02</u>	<u>06</u>	<u>06</u>	<u>08</u>	08	09	09	13	13	
Raman Haivaronski	o	o	o		Holli	o	o						
Andrei Behel	o	o	o		day	o	o						
Dmitry Khilkovich	o	o	o			o	o						
Valentine Ezgu	-	-	o			o	o						

- 03/01 Create a random chromosome corresponding a state-transition-table and show its behavior!
- 03/02 Program FSA that recognizes (a) strings starting from a (b) $a^n b^n$ (c) palindrome over {a b}
- 03/06 Program 1D cell automaton to display some of an initial pattern's evolution
- 03/08 National Holiday
- 03/09 Program Conway's Life game to display its animation
- 03/13 Simulation of Turing Machine with Palindrome & $a^n b^n$