Course <u>Progress</u> <u>Discussion</u> <u>Syllabus</u>

★ Course / Part 4: NP-Completeness, Traveling Salesman Problem, Backtracking / 3. Problem Complexity and NP-Completeness

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Practice of	questions: Problem Cor	mplexity and NP-Comple	eteness	
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Checkbox	xes			
3/3 points (un	graded) plexity of a problem is defined as:			
	· ·			
the min	nimum complexity of the algorith	ms used to solve the problem		
the ma	aximum complexity of the algorith	nms used to solve the problem		
the ave	erage complexity of the algorithm	s used to solve the problem		
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2 To solvo N	NP problems, you often need to u	so algorithms with:		
2. 10 solve iv	r problems, you often fleed to d	se algorithms with.		
linear	complexity			
quadra	atic complexity			
expone	ential complexity			
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3. The travel	ling salesman problem is an NP-c	omplete problem.		
True				
False				
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