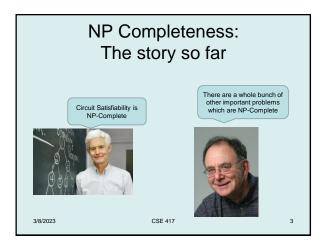
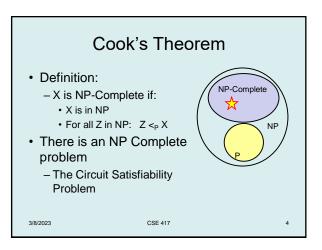
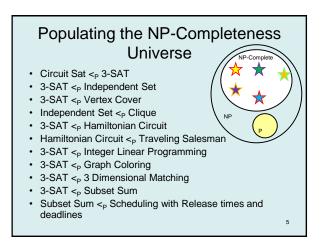
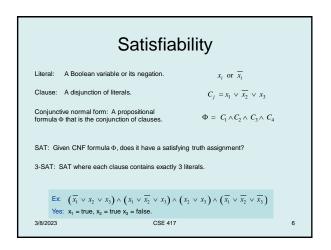


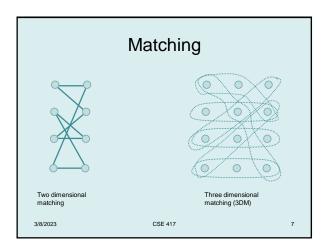
	A Homework 9	nnouncements	
•	Exam practice	problems on course homepage	
•	Final Exam: M	londay, March 13, 8:30 AM	
		• •	
	Fri, March 3	NP-Completeness: Overview, Definitions	
	Fri, March 3 Mon, March 6	NP-Completeness: Overview, Definitions NP-Completeness: Reductions	
		· · · · · · · · · · · · · · · · · · ·	
	Mon, March 6	NP-Completeness: Reductions	
	Mon, March 6 Wed, March 8	NP-Completeness: Reductions NP-Completeness: Problem Survey	
	Mon, March 6 Wed, March 8 Fri, March 10	NP-Completeness: Reductions NP-Completeness: Problem Survey Theory and Beyond NP-Completeness	

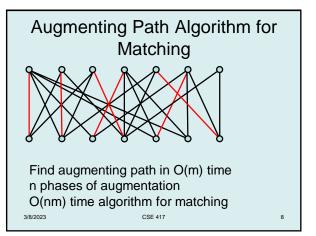


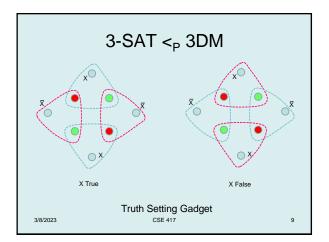


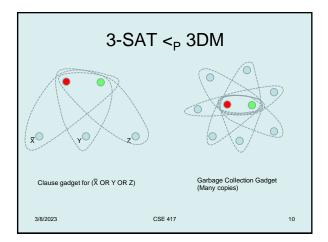


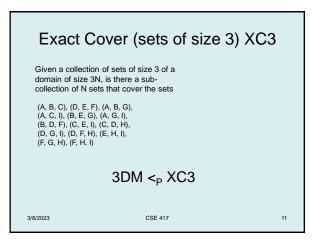


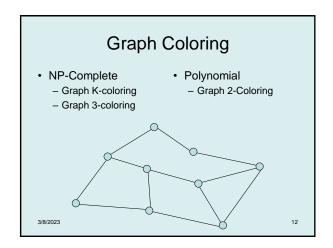


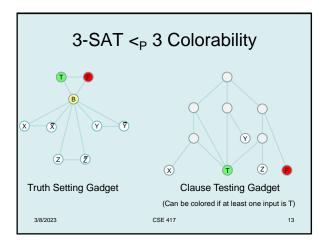


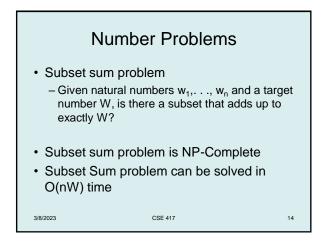


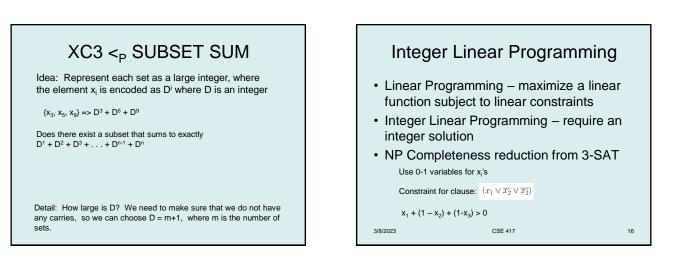


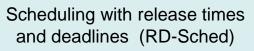












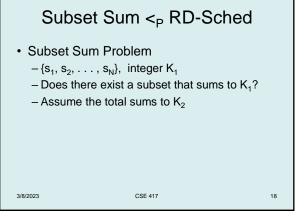
• Tasks, $\{t_1, t_2, ..., t_n\}$

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- Task t_{j} has a length $l_{j},$ release time r_{j} and deadline d_{j}
- Once a task is started, it is worked on without interruption until it is completed
- Can all tasks be completed satisfying constraints?

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Reduction

- Tasks {t₁, t₂, . . . t_N, x } t_j has length s_j, release 0, deadline K₂ + 1

 x has length 	1, release K ₁ , dea	Idline K ₁ + 1	
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