



COLLEGE OF ENGINEERING  
SCHOOL OF AEROSPACE ENGINEERING

ISYE 7750: MATHEMATICAL FOUNDATIONS OF MACHINE LEARNING

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## Homework 3: Self-Grade

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*Professor:*

Ashwin Pananjady  
Gatech ISYE Professor

*Student:*

Tomoki Koike  
Gatech AE MS Student

October 14, 2022

	Score	Full Score	Comment
<b>Problem 1</b>			
(a)	10	10	
(b)	10	10	
(c)	10	10	
	30	30	
<b>Problem 2</b>			
(a)	6	6	
(b)	6	6	
(c)	6	6	
(d)	6	6	
(e)	6	6	
	30	30	
<b>Problem 3</b>			
(a)	10	10	
(b)	10	10	
(c)	8	10	show combination of $\frac{\delta_n}{C} \ \hat{x}\ $ and $\frac{\delta_n}{C} \ x^*\ $ .
	30	30	
<b>Total</b>	<b>98</b>	100	