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Calculus III Project: #1 Multivariable Differentiation

Sele	ect your project team: (Recommended: 4	students.) Working Sec:
1.	Name:	Sec:
	Email:	Phone:
2.	Name:	Sec:
	Email:	Phone:
3.	Name:	
	Email:	Phone:
4.	Name:	Sec:
	Email:	Phone:
Indi	cate your preference on projects: (1 for the second of the	First choice down to 8 for last choice.) as (10.3) requires a Maple program
	Gradient Method of Finding Extre	ema (10.4) requires a Maple program
	Seeing a Blimp (10.5)	
	The Trash Dumpster (10.6)	
	Generalized Diameters (10.7)	
	Locating an Apartment (10.8)	
	Minimal Rectangles and Triangle	s (Stewart p. 792 \#5 + similarly w. triangles)
	Exact Gradient Method (Stewart 1	793 \#11 or n. 866 \#2) requires a Manle program

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Calculus III Project: #2 Multivariable Integration

Sele	ect your project team: (Recommended: 4 st	udents.) Working Sec:	
1.	Name:	Sec:	
	Email:	Phone:	
2.	Name:	Sec:	
	Email:	Phone:	
3.	Name:	Sec:	
	Email:	Phone:	
4.	Name:	Sec:	
	Email:	Phone:	
	Gauss' Law and Ampere's Law (9.9) Interpretation of Divergence and Cu Skimpy Donut (10.9) Volume Between a Surface and Its' Hypervolume of a Hypersphere (10.12) Average Temperatures (10.12)	P, 9.10) url (9.11, 9.12) Γangent Plane (10.10)	
	Center of Mass of Planet X (10.13) Steradian Measure (10.14)		