

Tentative list.

EML 5060

Homework Set 1

Fall 2006

Page	HW	Class	Topic:
127	31	30	optimization <sup>1</sup> #
127	42	—	optimization
139	13b	13a	curve tracing #
139	13d	—	curve tracing* #
139	13h	13g	curve tracing #
249	10c	—	limits
250	10s	10v	limits*
250	10d'	10z	limits
438	—	10b	numerical approximation
439	12b	—	numerical approximation
440	24	—	numerical approximation
440	29	30	numerical approximation <sup>3*</sup> #
461	27b	27a	absolute, relative errors
461	31	29	time-rate of changes
369	10	14	velocity and acceleration *#
369	15	—	velocity and acceleration <sup>2</sup> #
224	44	'44'	numerical integration #
528	13a	—	plane area *#
528	14b	14e	centroid of a plane area *#
528	16d	—	do moment of inertia $I_x$ #
549	20b	—	volume #
549	21a	21c	centroid of a solid, do $\bar{y}$ #
550	22d	—	do moment of inertia $I_x$ *#

\*: Recommended question. Not required if you know you can do it. #: Make a graph. <sup>1</sup>: The same charge is applied to all items in an order. <sup>2</sup>: Last answer misses a slash. <sup>3</sup>: To  $x = 0.5$ .