

Text-to-"Demystified" Correlation

Text	Demyst	Topic	Misc. Notes
1	p. 1-28	Course Intro., Real numbers	
2	Ch 1	Linear functions	
3		Linear applications	
4		Domain; Piecewise def. fncs	
	p. 279-283	Log and exp. Review	also, Dmyst p. 289-292
5	p. 39-66	Limits	
11	p. 66-74	Continuity	
6, 7	Ch 3	Tangent lines; Defn "derivative"	
7		Definintion "derivative"	
8	Ch 4, 5	Power Rule, Product Rule	
8, 9	Ch 6	Quotient Rule, Chain Rule	Hwk changes for Ch 9: ex 10, 12.---
19,20	p 283-312	Log and Exp. Derivatives	---See website.
10, 19		deriv notation; interest rates	
21	p. 143-163	Implicit differentiation	
22	p. 163-181	Related Rates	
12		Local extrema; Fermat's thm.	
13	Ch 8	1st Deriv Test	
14	Ch 9	Concavity	
15		Graphing, no asymptotes	
16		Infinite limits	
17, 18		Graphing; Absolute extrema	Ch 17, ex 6: skip concavity
13		Rolle's Thm; Mean Value Thm	
13	Ch 12	Elasticity	
18, 22		Absolute extrema; Optimization	
22	Ch 10	Optimization	
28	p. 325-330	Antiderivatives	
28, 29	p. 330-337	Indefinite Integrals, u-subst.	
29	p. 344-345	u-subst.	
30	p. 337-343	Integration-by-Parts	
31	p. 353-358	Calculate Definite Integral	
31	p. 359-362	Riemann Sums	
32	p. 362-398	Area	
32, 33	p. 413-418	Area, Average Value of func.	
33	p. 394-404	Money: present & future value	
34		Improper Integrals	
23	none	3-Space	
24			Ch 24, Ex 8: Don't simplify arith.
25	none	Partial derivatives	
25	none	Higher order partial derivs.	
	none	3D deriv modeling	
26	none	Extremum/Optimization	
27	none	LaGrange Multipliers	