

Lec. 12 - Metric Spaces and Cont. Functions

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10:22 PM

Pages 55-56

- 1.) Alternating series test
- 2.) Weierstrass "M-test" $\sum_{k=0}^{\infty} 2^k a_k$
- 3.) \otimes Product of series
- 4.) Power series \otimes complex variables
• \therefore \otimes Real variables
- 5.) Rearrangement of Absolutely conv. series
 \otimes Main Application
$$e^{i\theta} = \cos(\theta) + i \sin(\theta)$$