

Page: Date:
1-The lebesque integral is a linear, Positive absolute
· operator on the linear spacel. True Definition
2-iffis monotone an [ab] then fis integrable an [ab]
True Theorem Corollary
3-A4 Continuous & all integrable functions are measurable
True Theorem ?
4- 1,5 Ardinis loss and 209 de 201452
5-If s is a measurable set and M(s) = o if and only if s
is null false M(s) = o iff 5 is a null set
6-fatou's Lemma States that let for be a sequence of the measurable functions an E-if for >f in Measure on E, then
SEF < 1:M inf SEFN TYNE THEOREM
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7-15
9. By means of the monotone convergence theorem we can evaluate
The integrals such as ( e-IX) dx = lim ( Fn = 2 = 5 x'2 dx
True 8 Example in book Page 99 con consider
Neasure and O(x) = IAA (-0, x]1. Then p is continuous at
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