I UG AS IMDIVIOU P3	Date
(1) @ cor 11, cor 211 cor 311 cor 411	1 * Kithataran
4 9 9 16- 16-	kanna alterna ting
an = cos no dungan n = 1,2,	mara tidar memilia
(,m)	batos.
* Kekonvergeman	great -oust see to all took en o
lim cos no	The state of the s
<u>u</u> → <u>u</u> <u>u</u> <u>u</u>	15 6
= 0 101 0 (12 (64)) 407 =	(2)@1,-1   -
maka konvergen to 0	$(2)@1,-\frac{1}{2},\frac{1}{3},-\frac{1}{4},\frac{1}{5},$
	$an = (-1)^{n+1} \left(\frac{1}{n}\right)$
(b) [an] honvergen to A dan [bn] honvergen	
to Buttifan de cufinin limit (antho)	
Konvergin & A+B.	$\lim_{n\to\infty} \left(-1\right)^{n+1} \left(\frac{1}{n}\right) = \lim_{n\to\infty} \left(\frac{1}{n}\right)^{n+1} \left(\frac{1}{n}\right)^{n+1} = \lim_{n\to\infty} \left(\frac{1}{$
=> lim an = A -   lan - A  < 1 = E months	117P
[7] Williams	= D
Lim bn = B + 16n - B1 2 1 2	maka konvirgen to 0
OF 1 1 SEN	i IA
= 1 an + 6n - (A+B) (= f(an-A)+(Ln-B)	(b) An = 3-8.2 (100) 104 1.00
=  an - Al+  6n - B	5+4.20
< \frac{1}{2} \xi + \frac{1}{2} \xi	$\lim_{n\to\infty} = \frac{3}{2^n} - 8$
Consider the second of the sec	1-) b = 72 - 0 5/2 n + 4
maka lim (an+Ln) = A+B	= -8 =-2
Can = sin(n T)	9
(74)	konvergen pe-2
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a an an-an+1	(C) ar = ln n
	+ temonotonan
$\frac{\ln[(n\pi+\pi)/4]}{\Rightarrow \ln(n\pi)/4} \geq \frac{\ln(n\pi)}{4}$	♦ an
A STATE OF THE STA	an+1
- hn (na/4)	=D ln n/n
maka an bukan barisan monoton	2n(n+1)/n+1
	(nti) lnn 7)
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	Britan Baylan Mountell
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-Y lmit	7 Rimit
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