	No
	Date
terbatasan	
1 = Sunt = 1, lum sunt = tidat ad	a
Teorema apit tidar beilaru sehingga hasilnya	divergen.
1. Tuuran rumus exspusit barisan benaut dan tentara	n remonvergenonnyo
1,-=, =, -=, -=, -=,	
· Rumus Ersplusit	
$a_n = (-1)^{n+1} = (-1)^{n-1}$	
n	
- Kettonvergenon	•
an= (-11"+1)	
n $n \cdot n$	n
$lim (-1)^{n+1}$. $lim -1 = 0$	
$n \rightarrow \infty$ $n \rightarrow \infty$ $n \rightarrow \infty$ $n \rightarrow \infty$	n-)∞ n
	convergen ke o
n	•
. Dengan dervus, lunut, butatan barusan [an] ber	kut konvergen :
$a_n = 3 - 8.2^n$	
5+4.20	
lun 3-0.2°	
n->0 5+4.2°	
lim 3 - 8	
n->~ 3n + 4	
= D - 8	
5+4	
= -2	
chungga, 3-0.2° Konvergen Ke-2 5+4.2°	

			No Date	
aci tenevan temanatarian, tete	ibatain, dan limit 1	uma ada 1		bermi.
an - Inn	- Komonotonan			
n	a'(n) = n.n-	ı. lan	= 1 - 1,	חח
\Rightarrow $a_n = l_n n$	n 2		n	
n			Tidax r	nour dans
lun in = 0, Converg	en te o		hdar	turun,
	tasan ke o		:	
30) Tube come a characte bosses	harman do a do a do a de la caractería	haman me	2000001	
3a). Tulus rumus etspusit barisan		reconver	genomy	
0.9, 0.99, 0.999, 0.999 - Rumus Etspusit ,	9,			
	~			
0.9,0.99,0.999,0.999	The second secon			
(1-0,1); (1-0,01); (1				
1-10,1-100,1-	1000			
$a_n = 1 - \frac{1}{1 - n}$				
lon				
• Vekonvergenan				
$a_{n}=1-1$				
lon				
	1, Konvergen ke	1		
b). Dorgan defus, limit, buttercan b	arisan { an berieve !	Konverger	า :	
$a_n = n+3$				
3n - 2				
$\Rightarrow a_n = n+3 = 1$	+ 3			
3n-2	7-3			
lim n+3 = 1	+0			
n->00 3n-2	- D			
Lum ====================================	1 (tonuergen)			
n->00 3n - =	3	7		
1 1an-11 = n+3 -1				
377-2 3				
	<u> </u>			
= n+3 3 -1				
[3n-2](3)			

	No
	Date
= 11	u _ E
9n-L	9 N - L
	11 - 9NE - LE
<u> </u>	9NE = 11 + LE
9m- L	N = 11 + LE
Nuai N:	9
= 11 = E (terbuker)	
9(11+12-)-6	
92	
3c) Tentukan Kemponotanan, Keteri	batasan, dan limit (sika ada) barisan
benieut:	
an - n!	
100	
· Kemonotonan	
n:	
an+1 (n+1)!	
10 1+1	
n	
= 1 . 10" T	
	arisan Monoton Nauk
n → 1	
- Kekonvergenan	
Lim n! n→> 10 n	
n→ > 10 n	
-1,2,3,,n	
10,10,10,10	
= ∞ (divergen)	

JOYKO" 36 Lines, 6 mm