Seguencie 13/04/2020 Sequence! A sequence S= {Sn} af real number is a function from N (the set of possitive integer into R (the set of real number) whore Sn denotes the nth term of sequence and the sequence could be if we pull n= 1, 2, 3,4 -- 2, 23, 27, 25, --- 2, --- 0 real number { Sn} has the Junit L, then we say that Say that 28mm 18 Convergent to 1 Je, 2 Lim 8n = Lf finite we say In Convergent to Example: If Sn = 2n naa nti - ling given sequence Sn 18 convergent to 2

Convergent to logo lun on find their ED 3101?

finite Ans 31121 of convergent EVII Otherwise divergent Oil Show that the sequence & son 300 where Sn = 1 Convergers to 0 On Shoes that the sequence Isn 3 defined by Sn= Jn+1 - Jn, Converges O.S. Shoco that Im 3n2-6n = 7-90 572+4 0.4. Show that the seepence \$3n-1 ny-n [ng+2 n3+1 Converges to 3 00 =) divergent too n 900 Note = - a tresgent to - a A sequencie coluct is not convergent 19 Said to be divergent.

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fingte Ans 31121 of Convergent Evil Otherwise divergent Oil Show that the sequence & son 300 where Sn = 1 Convergers to 0 On Shoes that the sequence Isn 3 defined by Sn= Jn+1 - Jn, Converges O.S. Shoco that Im 3n2-6n = n-900 5n2+4 0.4. Show that the seepence \$3n-1 ny-n [ng+2 n3+1 Converges to 3 00 =) divergent too n-900 Note = - a treogent to - a A sequencie coluct is not convergent is Said to be divergent.