_ • •	The Limit of a Function pril 19, 2024 11:07 PM
· 76	e intubine definition of a mit of a Function:
FO	cx) is urfined who x is 105e to # a Cout not # a)
	Cim FCX> = L X-oa
is us	of right-now, the textbook sing runnical approx. to get value of the limit
	ex! $Limfcx) = Lx-Da$
	Vanes Vulus
	Nulvia Nulvia
	tuse two should be close
	Section talks about CAS  Justing Juans is not cellings the  Justing Juans is not cellings the  best method us the "cornetiss"  f you want deputeds on your  Stop-point
	One-Sided Limits:  The Hearisidn function fi
	H(E) = { 0 if £(0 1 if £),0
	town it approachs  to from the vight of of from the with
	LIM HCED = 0 & LIM HCED = 1 E-DOT
•	Definition on sidud limit!
	$\lim_{x \to 0a^{-}} f(x) = L_{1}$ $\lim_{x \to 0a^{+}} f(x) = L_{2}$ $\lim_{x \to 0a^{+}} f(x) = L_{2}$
	LD: Limfux) = Liff x-Da
	$\lim_{x \to a^{-}} f(x) = L$ $\lim_{x \to a^{-}} f(x) = L$ $\lim_{x \to a^{-}} f(x) = L$ Some $\lim_{x \to a^{-}} f(x) = L$
*	intaitine dénition et aus
	intinite Limit!  x) a & J X L a but X ≠ a
	Limfex) = 00 x-sa La pot a H, piet a concept
	Danoter variant
	LIMFUX)=-000 X-Da
	Den be extended to are sided limits of the
	p fre verticul usymptote con se applied to Emis
	$ex:$ $y \rightarrow 0^{+}$