ASSIGNMENT O Feb. 1. a. F(x) = X - 1 Yes, This Function is differentiable because 6 Derivative and is continous b. F(x) = (X-1	i+ hes
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The line and Line both would eque x->1 x->1 x->1 to Landinabs, and They both	и О.
Which means it is Continues, and They both	
	have
a Pirst Derivative	
C. F(x) = 1x1	
This Function is not Dipperentiable because	
it is not Continaos.	
2. a. [100] [1-100] A-1	J=0
0 0 0 -> 0 0-10	
00 77 (00 17-1)	
(1-1) e-1 0 -> (1-1) (e-1) (T	0= (1-
0 1-1	
λ=1, λ=e, λ=TT -> eigen values.	
Let 1=1:	
(0 0 0) /X \ (0)	
0 6-1 0	
(e-1) y = 0 (Ti-1) z = 0	
y=0	
,	







