## Bead on a Toltal Wine

## Rufaell loges Polisão da Siles

· In the equi	Chairm all four	wast be se	IN1 3646.	
Firm Furi	e Fur = ugas	= 6/ Wg.	Int = Fary,	4
a my sin	Fire = mgco  Figure = mgco  the transfer	K(H-40),	where It is the	e hydelantisa
of	the triangle	alla	H= Viktar	
		CANATA S	opening & Thomas	1916
Am d= X = 1	= ME 40	ud = KA		
Wareh a = KX	11- 4011	A	17.50	
()	(1- 10)	Cogoto		
· waling	40			
Kx	1- Lo =0	1- 11-11	1 - 10 / 1/	12 Mai - 60
identifying VI+	u= /x-2= =0.	イルシュニュ	==0 x-1=x-	E lawer
VAN E	-0 -1 E	- 1-2	- /	17.
VI+u2) - VX2-	+ a <sup>27</sup> VJ+ x <sup>3</sup>	2 V-202	一次	40
R= Lo V 22/22	7=1/R= Lo a	d Kirolly	MEMO = 1	-1
Wind = ha =	> W= wgcmo	/ c.g.d. 59	2;	
	164:	= R /		
	1-h=	1945		(3)

so a a to the displacement from equilibrium pointour, the ignamin yether is formulated as: f(u) = 1 - 1/4 - 1/1+102 for simplicity we assure H=1 every where R>0; funcilly: for R>1: = 1- h= 141 / doing 1/4"= 1+ 1/2 1- 2- 1+42 -0 (a-h) (d+ 42)= ur+a = x+2-h-26-unx D n+un-4"+4th =0 (n+un-4">0)

•  $h+m-\frac{u^3}{2} \approx 0 - \lambda d(h+m-\frac{u^3}{2}) = n-\frac{3}{2}n^2 = 0$   $|u^*=\pm \sqrt{\frac{3}{3}n}| - \lambda h(u^*) = -n+\frac{3}{3}n+\frac{1}{3}n+\frac$ 

when the whole deplacement of the bood of the bed to the wind and the whole of the bed to the whole what we want of the bed with a seally and the means, it was a walle squitching to the original points on. Eving necessary a grander force proportional to the wife to take the bood of the equilibrium point.

Only with higher perfections force to bead will were question in the wine plane.

· extra bout: