Pendulum math Small angle approx. To = 2 TI 1 g

Arbitrary applitude period: T = To Hills From cole; I = g x M. R. Jary

Mistake in amonging - I coin

From documentation: T - It for a simple pendulum Mas (1,00%)

For a simple pendulum Mas (1,000%)

For when

Working in memoral of incretion is (Particulum rod has mass)

= mgl sin 0

T = 4tt (sin 20) / mg/ Re arranging este from & code: T= 472. I. (M+6 (1, cos (2)))2

9MR T= 2TT - (MAG (1, cos (2)))? To=24/2 => T= 2 (2x1/2) (2M(1-11), 14) -2Addy 271 /2 MAG (Lok, 1971) Vg MAG (Lok, 1971) Vg

Clearly: To = 27 of Real T= 27- H(n)

as a geometric mean 2M(x(h), y(h)) #2 T= (2) (1x1) V = 1 (2) MAG (x1y) T=277-1/9 MAG(x12) Questions -> 1) Does the input for x,y change for a compound so vogets simple pertition il does the input to Kactually become sing instead of sind and if so, does to that change the Z=1, y= cos 2 month? (I don't think it does) 2) It Is the equation in the code rearranged wrong? 3) Beta finction for Lamping Fo=BV Fo=YMV Y-Bmm

