

one24thoutofphase Mechanical Principle between a Crank Circle connected to a Collapsible Sqaure as discovered in EB pendulum

A0 size Layout of the , one24thoutofphase Geometry - maths steps to calculate, xyLR co-ordinates, of free points of collapsible square giving rise to the varying curve shapes, named Twinwaves or the Twinesine Principle as a hardwired mechanical fact , that all resolve to a sine wave when subtracted from each other within each 2 wave system. Experimental application to 'trap' the Mechanical "Bubble - Inequality" is shown on page 10.

EB_New_Exp_01

EB_New_Exp_02

EB_New_Exp_03

EB_New_Exp_04

EB_New_Exp_05

The EB 1/24th TWIN WAVE as a Mechanical Discovery - (A SeeSaw Comparison are used as a Simplified Explanation) - POINT 01: DISPLACEMENT on one side is IDENTICAL to the Displacement on the other side even though it take place in a REVERSE MIRROR fashion.

The EB 1/24th TWIN WAVE Calculations PAGE 01 - This is the EB Calculation 1st breakup page. - POINT 04: The 1/24th discovery NOW we discover that the DISPLACEMENT on one side (XLEFT) is as opposed to (RIGHT) is NOT IDENTICAL to the displacement on the other side while the rest of the REMINDER: Note the heavy use of the Pythagoras Formula throughout the EB Twinesine program.

The EB 1/24th TWIN WAVE as a Mechanical Discovery - This is the EB Calculation 2nd breakup page. - By the way - this is the co-ordinate system used by the EB Twinesine graphics.

The EB 1/24th TWIN WAVE as a Mechanical Discovery - This is the EB Calculation 3rd breakup page. - The goal here is to determine the dynamically changing angle2 or Psi, by getting distance C2 or V.

The EB 1/24th TWIN WAVE as a Mechanical Discovery - This is the EB Calculation 4th breakup page. - The goal here is to determine the dynamically changing distance W- to get to calculate TC point's xT:yT Co-ords.

The EB 1/24th TWIN WAVE as a Mechanical Discovery - This is the EB Calculation 5th breakup page. - The goal here is to use W + xT(1%); yT(1%) co-ords to get to calculate a Major Goal of the SL + SR points.

The EB 1/24th TWIN WAVE as a Mechanical Discovery - This is the EB Calculation 6th breakup page. - The goal here is to show the 1/24th OUT OF STEP or 1/24th OUT OF PHASE difference.

The EB 1/24th TWIN WAVE as a Mechanical Discovery - This is the EB Calculation 7th breakup page. - The goal here is to show the extension point of the EB pendulum calculation.

The EB 1/24th TWIN WAVE as a Mechanical Discovery - This is the EB Calculation 8th breakup page. - The goal here is to show the EB formula's in a single glance as a series of Pythagoras + Trigonometry application to Triangles.

The EB 1/24th TWIN WAVE as a Mechanical Discovery - This is the EB Calculation 9th breakup page. - BOTH SIDES HAVE THE SAME EQUATIONS APPLIED TO IT. THE LITTLE CIRCLES BEING THE CALCULATED CO-ORDINATES.

EB_New_Exp_06

EB_New_Exp_07

EB_New_Exp_08

EB_New_Exp_09

EB_New_Exp_10