

Mathcad Minute

Tips, news, deals & reviews

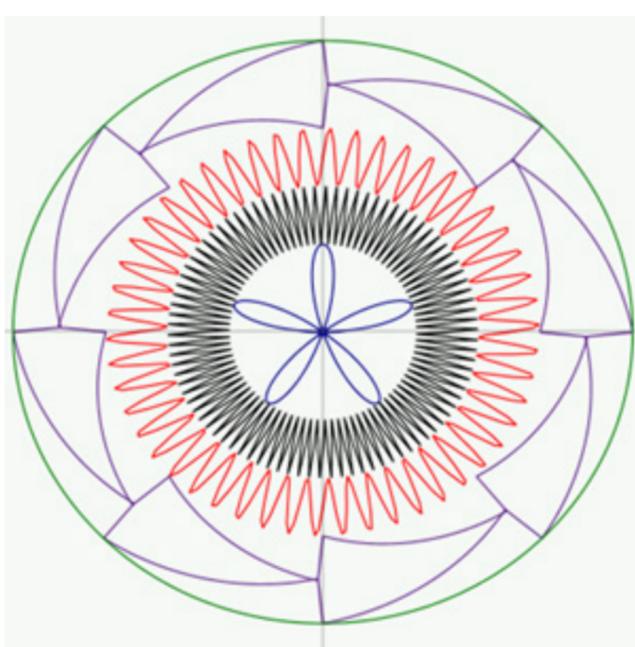
October 2023



WEBINAR: Mathcad for Mechanical Engineers

On November 7, 2023, PTC will be hosting Mathcad for Mechanical Engineers, a new industry-focused webinar featuring PTC's Anji Seberino and independent expert Dave Martin, as they discuss and demonstrate Mathcad solving real mechanical engineering problems and how integrating Mathcad into your workflow will increase efficiency and reduce errors.

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GALLERY: Mathcad Community Challenge Art Gallery Live!

For the Mathcad Community Challenge September 2023, we got several submissions with very creative and impressive use of Mathcad Prime's graphing options. Gaze at the Mathcad Museum of Fine Arts featuring the entrants' pieces: you might be inspired, and it's free admission!

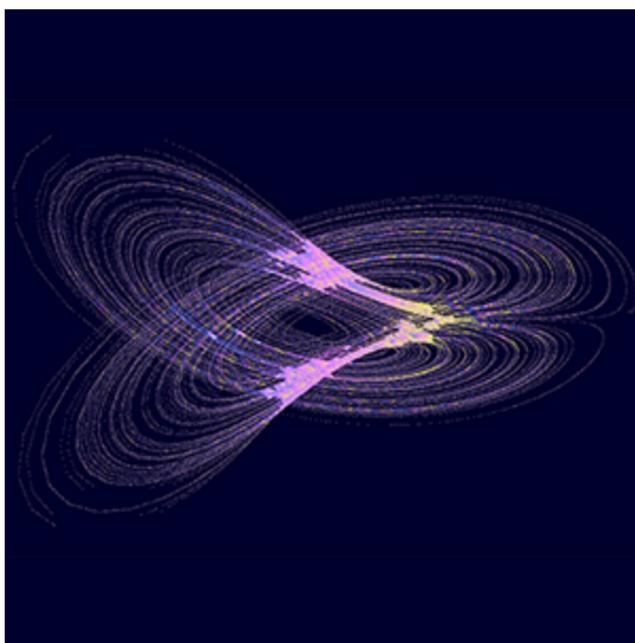
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Inputs	
$excel_{-B11} := \frac{\text{Length}}{\text{ft}}$	$excel_{-B12} := \frac{\text{Load}}{\text{lbf}}$
$excel_{-B14} := \frac{\text{Width}}{\text{in}}$	$excel_{-B15} := \frac{\text{ft}}{\text{Depth}} \cdot \text{in}$
Beam Length	32.808399 Ft
Uniform Load	34260.883 lbf/ft
Moment	4609763.4 Ft*lbf
Beam Width	19.685039 in
Beam Depth	39.370079 in
Section Modulus	5085.312 in ³
Beam Stress	10877.83 psi
Outputs	
Stress	$excel_{-B17:B17} \cdot \text{psi}$

BLOG: Integrating Excel with PTC Mathcad

In this interactive blog article + Mathcad worksheet, Brent Maxfield shares his insights on the Excel integration with Mathcad Prime, and when to best use the Excel Component and the READEXCEL / WRITEEXCEL functions in your Mathcad Prime worksheets.

[READ THE BLOG >>](#)



ARTICLE: Chaos Theory and the Lorenz Equations

Guest author Alejandro Rivera returns to discuss how PTC Mathcad Prime makes analyzing and modelling the complex nonlinear problems posed by chaos theory easy, including the Lorenz Equations.

[SOLVE CHAOS THEORY >>](#)



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