



# Mathcad Minute

Tips, news, deals & reviews

November 2022



## NEW CHALLENGE: Angles on an American football field

For the Mathcad Community Challenge November 2022, we look to American football for inspiration. We ask if you can calculate several angles from the field to the goal posts. We look forward to how you will construct your Mathcad worksheets!

[TACKLE THE CHALLENGE >>](#)

## Data with Context: How Mathcad Helps Payne-Huber Achieve Peak Quality Assurance



## CASE STUDY: How Payne-Huber uses PTC Mathcad Prime

Payne-Huber Engineering, a consulting firm that works with oil, chemical and food industrial plants, realized that they needed a way to ensure accurate structural codes in engineering. Read why they turned to PTC Mathcad Prime.

[READ THE CASE STUDY >>](#)

`p_roots:=polyroots(v)=`  $\begin{bmatrix} -1.239 \\ -0.099 - 1.172i \\ -0.099 + 1.172i \\ 0.438 \\ 1 \end{bmatrix}$

## Solving for Roots of a Polynomial (numerically)

CAPABILITY

## VIDEO: Solving for Roots of a Polynomial (numerically)

This video showcases the **root** and **polyroots** functions in PTC Mathcad Prime in order to numerically solve for roots of functions, or where the value equals zero.

[WATCH THE VIDEO >>](#)

# Mathcad Minute Archive

## ANNOUNCEMENT: Introducing the Mathcad Minute Archive!

We've made every issue of the Mathcad Minute newsletter available in this brand-new archive. Now you can binge on our history of Mathcad tips, news, and more—all in one place that will continue to be updated.

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