

ptc mathcad prime 9[®]

$$\mu_{ab} = \frac{\mu_a}{\mu_b} = \frac{\sin(i)}{\sin(r)} \left(\frac{A + \delta_m}{2} \right)$$

$$W = \frac{\delta_V - \delta_R}{\delta} = \frac{\mu_V - \mu_R}{\mu - 1}$$

$$\delta_V - \delta_R = (\mu_V - \mu_R) A$$

$$n(\lambda) = A + \frac{B}{\lambda^2} + \frac{C}{\lambda^4} + \dots$$

$$n(\lambda) = A + \frac{B}{\lambda^2} + \frac{C}{\lambda^4} + \dots$$

$$W = \frac{\delta_V - \delta_R}{\delta} = \frac{\mu_V - \mu_R}{\mu - 1}$$

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PTC Mathcad is an engineering calculation solution that helps you design better products faster. With PTC Mathcad, you have the power to do highly accurate engineering calculations and then easily share this critical IP. The powerful math engine and intuitive documentation front-end of PTC Mathcad can handle the simplest equations or the most complex multi-step engineering analysis. It is a vital first step in your product digital design definition.



Mathcad.com

PTC Mathcad Prime Version comparison

	3.1	4.0	5.0	6.0	7.0	8.0	9.0
Capability							
Math Formatting
Worksheet Templates
Math in Text
Global Definition
Custom Functions
Engineering Notebook Creo Integration
API
Area Protection and Locking	
Mathcad as an OLE container	
Save as RTF	
Copy/Paste to Word	
Equation Wrapping	
Large Worksheet Handling	
2D Chart Component		
New Symbolics Engine			
Custom Margins, Headers and Footers			
Spellcheck			
Hyperlinks			
Combo-box Input Control					.	.	.
API Guide					.	.	.
Save As PDF					.	.	.
Standalone Legacy Worksheet Converter					.	.	.
Zoom, Scroll and Focus Enhancements					.	.	.
Redefinition warnings						.	.
Partial derivative operator						.	.
Show frame						.	.
Legacy worksheet viewer						.	.
Worksheet tab and zoom enhancements						.	.
Windows 11 support						.	.
Text Styles							.
Gradient Operator							.
Internal Links							.
Partial Differential Equation Solver							.
Symbolic Solving with Solve Block							.
Symbolic Solving of Ordinary Differential Equations							.
Custom color picker							.
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