

$$w(t) = \sum_{n=1}^N A_n \cdot \cos(\omega_n \cdot t)$$

$$L = 610 \text{ mm}$$

$$L = \frac{1}{2} \cdot \lambda$$

$$c = \sqrt{\frac{T}{\lambda}}$$

$$b y(x) = \left(\begin{matrix} f(x) + 1 \cdot c_0(x) \\ + c_1(x) - c_2(x) \\ \cdot \sin(x) \end{matrix} \right) \cdot \sin(x)$$

ptc[®] mathcad prime 11[®]

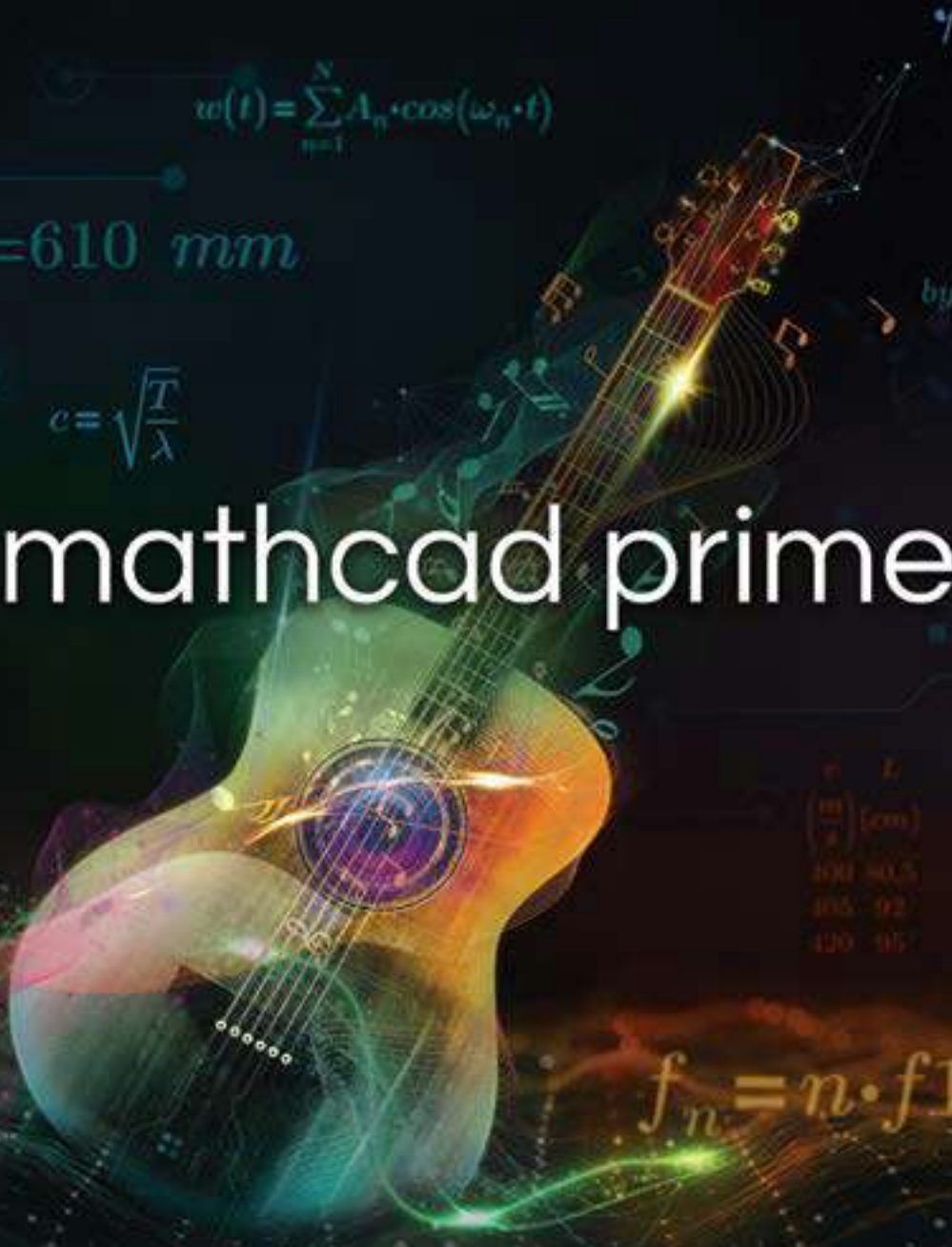
$$w(t) = \sum_{n=1}^N A_n \cdot \cos(\omega_n \cdot t)$$

$$f_1 = \frac{\sqrt{\frac{T}{\lambda}}}{2 \cdot \pi \cdot L}$$

n	f
100	80.5
105	92
120	95

$$y = \sum_{n=1}^{\infty} \sin(k_n \cdot x) \left(A_n \cdot \cos(\omega_n \cdot t) + B_n \cdot \sin(\omega_n \cdot t) \right)$$

$$f_n = n \cdot f_1$$





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PTC Mathcad Prime Version comparison	6	7	8	9	10	11
Capability						
New Symbolics Engine
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Hyperlinks
Combo-box Input Control	
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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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Advanced scripted controls					.	.
Subscript and superscript in text					.	.
Choice of solving algorithms for applicable functions					.	.
Manual Calculation Mode						.
Custom Unit Systems						.
Python for Advanced Controls						.
Show Region Borders						.
Binary, Octal and Hexadecimal Support						.