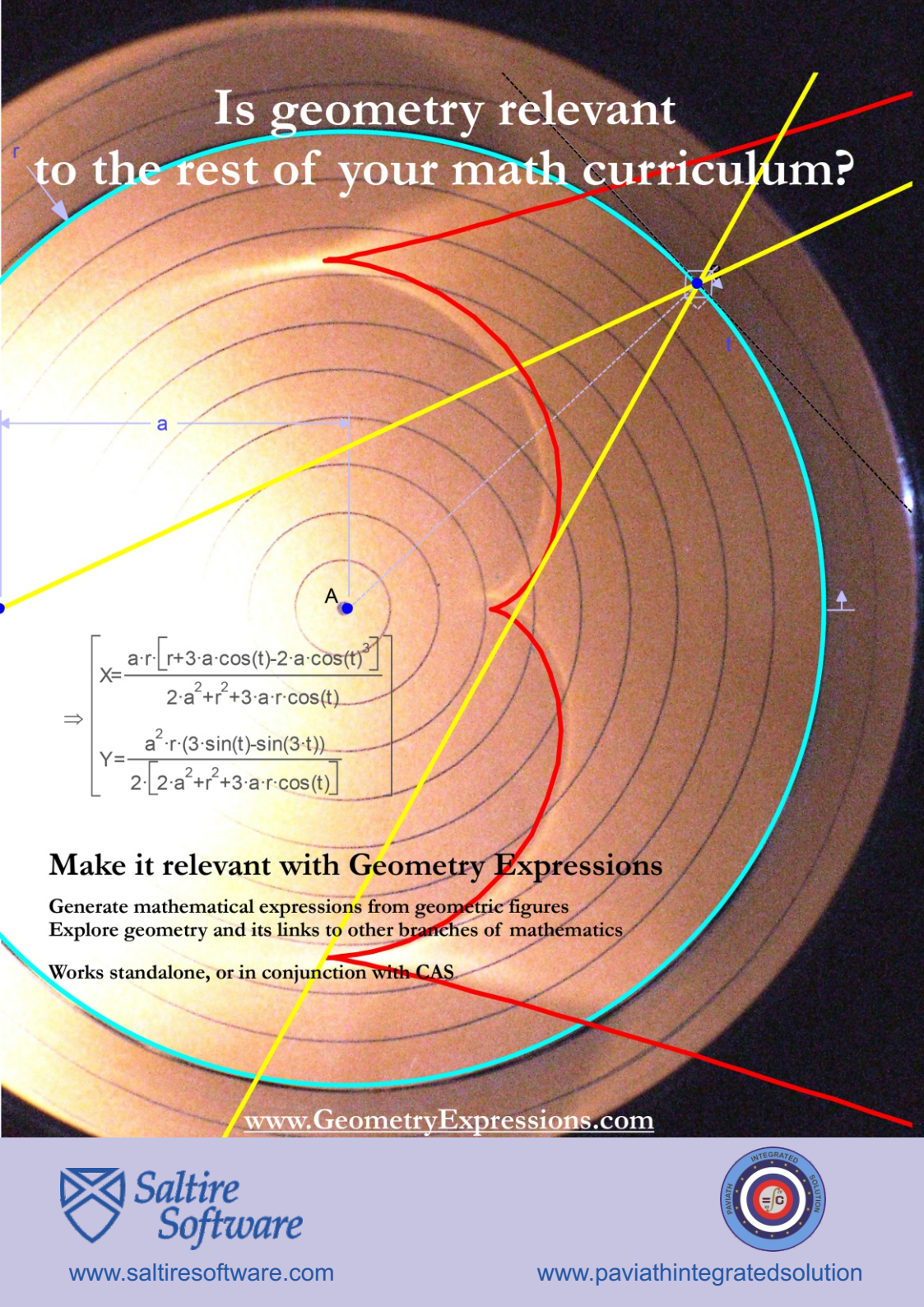


Is geometry relevant
to the rest of your math curriculum?


$$\Rightarrow \begin{cases} X = \frac{a \cdot r \cdot [r + 3 \cdot a \cdot \cos(t) - 2 \cdot a \cdot \cos(t)^3]}{2 \cdot a^2 + r^2 + 3 \cdot a \cdot r \cdot \cos(t)} \\ Y = \frac{a^2 \cdot r \cdot (3 \cdot \sin(t) - \sin(3 \cdot t))}{2 \cdot [2 \cdot a^2 + r^2 + 3 \cdot a \cdot r \cdot \cos(t)]} \end{cases}$$

Make it relevant with Geometry Expressions

Generate mathematical expressions from geometric figures
Explore geometry and its links to other branches of mathematics

Works standalone, or in conjunction with CAS

www.GeometryExpressions.com



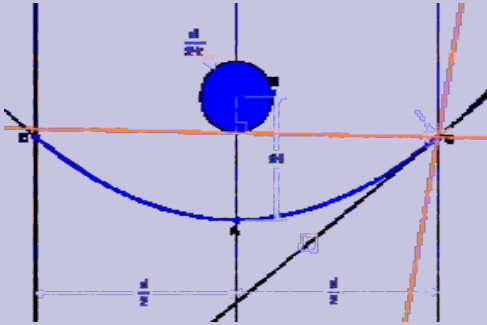
www.saltiresoftware.com



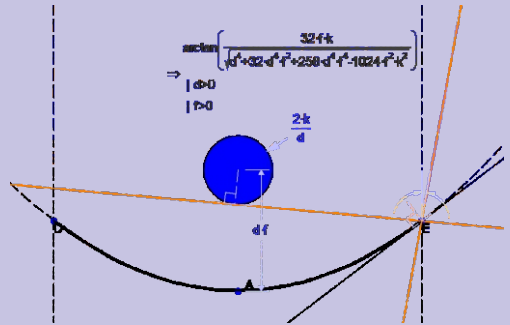
www.paviathintegratedsolution.com

Mathematical Modeling in 4 steps

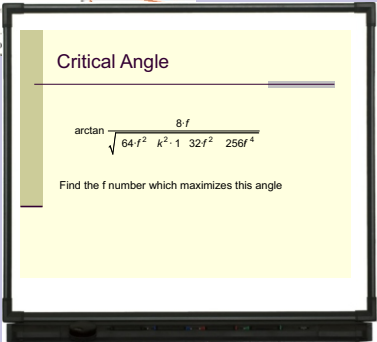
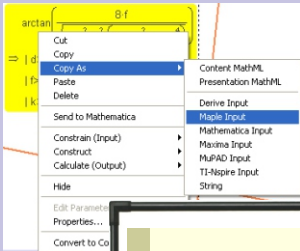
1. Create a model



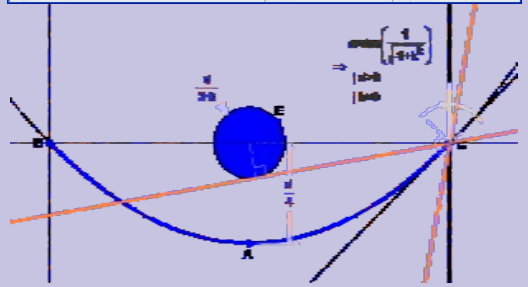
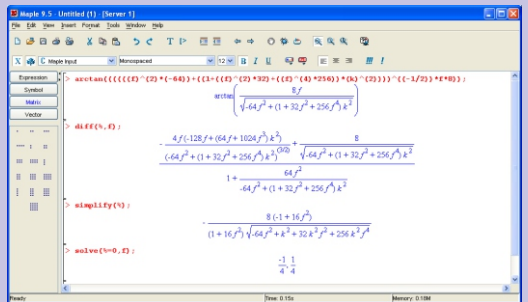
2. Make a measurement



3. Copy into MathType or CAS



4. Solve by hand, or by CAS



System Requirements
 PC running Windows XP, Vista, or Windows 7
 Intel Based Macintosh