The Pythagorean Theorem Animated

The animation on the next page is based on an animation of Erich Neuwirth of Austria and adapted by Jürgen Gilg of Germany to run in the AcroTEX Presentation Bundle, an application written by D. P. Story.

The animation is a visual proof of the Pythagorean Theorem. Given a right triangle with sides $a$, $b$ and $c$, where $c$ is the length of the hypotenuse, Pythagorean Theorem states that $c^2 = a^2 + b^2$. 