Splendid Ideas, Brilliantly Converted into Pictures

Mathematics can be potential. Computers can control. Pictures which are prized!

65 Strange Positions

Does this Figure Exist?

Zeros of a Polynomial

Visual Mathematics Current Research, Sensual as Hollywood Cinema

How to Turn a Sphere Inside Out

Glittering DNA Molecule

Molecular Ballet

Pictures from Sound

Shocks Make Waves

35 Million Balls

Virtual Etching

Zeros of a Polynomial

This is a so-called ten-term polynomial. The name refers to the number of terms; in this case, it is 10. The function is 10th degree, which means that the highest power of the variable z is 10 and the polynomial is of degree 10. The roots of this polynomial are the points where the function equals zero. They are needed to graph the polynomial; a graph is a plot of the function. They can be right, left, up, down, or anywhere in the plane. And one can graph them.