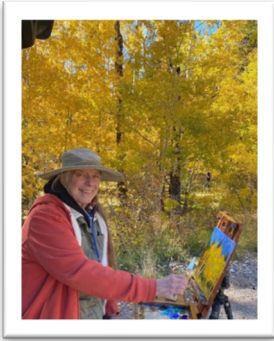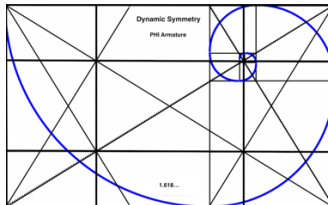# Karen Halbert: Radical* Impressionist
A Mathematician Paints

Can we think of Mathematics as the root of all beauty, of all art? We painters encounter Mathematical terms repeatedly from simple measurement to more abstract concepts of dynamic symmetry, repeated motifs and divine proportions; from common geometric shapes to more complex repeating patterns based on chaos theory. I have found myself going back to my "roots", embracing Mathematical principles in my paintings.

The 2023 themes of my paintings are Turbulence, Chroma and Luminousness, applying Dynamic Symmetry Armatures as scaffolding. The cliffs, canyons, water ways and landscapes of New Mexico lend themselves well to these themes.

Blog:

Exhibit:

Karen Halbert, PhD Courant Institute of Mathematical Sciences
www.karenhalbert.com   https://karenhalbert.blogspot.com/

*The 'radical' of the title refers to its Mathematical definition as a root, with a square root as an example.