'3dM' Science

Science: any system of knowledge
that is concerned with the physical world and its phenomena
and that entails unbiased observations
and systematic experimentation.

In general, a science involves a pursuit of knowledge
covering general truths
or the operations of fundamental laws.

Encyclopædia Britannica

Complex Systems Analysis

+

Cybernetic Processing

+

Dimensional Metrology

=

'3D Metrics'

+

'3dM' Methodologies

'3dM' Philosophy

from Greek, by way of Latin, ***philosophia,*** "love of wisdom",
the critical examination of the grounds for fundamental beliefs
and an analysis of the basic concepts
employed in the expression of such beliefs.
Philosophical inquiry is a central element
in the intellectual history of many historical civilizations.

Encyclopædia Britannica

We can't make the right science
without the right philosophy.

Werner Heisenberg

My philosophy is embedded
in the symbolism of mathematical relationships,
the logic of programming
and the correspondence between our imagination or world view
and its visualization on screen.

Sabine K McNeill

We must match what is before our eyes
with what is behind our eyes.

Plato

As far as the laws of mathematics refer to reality,
they are not certain;
and as far as they are certain,
they do not refer to reality.

Einstein

Measuring New Qualities
in Science, Finance and Economics

‘3dM’ Technologies

***Technology*: the application of scientific knowledge**
to the practical aims of human life or,
as it is sometimes phrased,
to the change and manipulation of the human environment.

Encyclopædia Britannica

‘3dM’ Software

New Approaches to :

- Image Processing
- Data Visualization
- Simulating Phenomena

‘3dM’ Hardware

- 3D Output Device
- Non-binary Computing

‘3dM’ Measuring Devices

- Optical Metrology
- ‘3dM’ Photonic Reference Values
- Software-Enhancement for Hardware Components

Our Offers

Fundamental IT for Fundamental Science

Conceptual Framework Solutions for Context-Specific Problems

based upon

Novel Mathematical Methods for :

- Interpolation
- Extrapolation

Novel Programming Methods for :

- Processing Digital Images
- Visualizing Multi-Dimensional Data

Software Prototypes demonstrating :

- Layering Multi-Dimensional Data
- Forecasting any Time Series from any Application Area
- Web Service Functionality for Financial Forecasting and Projecting over Different Time Intervals

3d METRICS

Measuring New Qualities
in Science, Finance and Economics

Our Requirements

Complex Data Sets

Scientific Challenges

Strategic Co-Developers
for Specific End-User Applications

Open Minds
Embracing Change

Shifting Scientific Paradigms
with Cybernetic Technologies

Quantification of Emergent Properties and Qualities
at any Length and Time Scales