PAUL HIGHAM

SYNTHETIC DATA SCULPTURE: *Data Trouvé to Autotecture*

A Solo exhibition of code generated data works including early vacuum formed histograms from 1974 and the first fused deposition sculpture ‘Heuristics’.

As a post conceptual artist questioning autonomy Paul Higham utilizes a repertoire of technologies to directly engage the possibilities of algorithmic generation. In extending the conceptual art paradigm to include compression, encryption and retrieval as well as remote data acquisition the work is output by the agency of robotic construction such as cnc, and rapid prototype.

Exploring discrete commonalities of form and function in self organization and entropy found in artificial and natural structures ‘Data Trouvé’ harvests "Grains of Data" to produce dimensional matrices in REAL-TIME which fenestrate organicity, hysteresis, synthesis, turbulence & noise within culture: the algorithms of life. ‘Data Trouvé’ being harvested from the real world and ‘Autotecture’ originating within algorithmic mathesis and equations are often synthesized in random combination. The generative model continually evolves, feeding back, mirroring & aligning under a “Social Skin” as a form of Social Architecture.

These works suggest a conceptual primacy that resides in their hand coding.

*Image Info:*

‘Herakleitos”  14” x 10” x 8”  Fused Deposition  Abs 400 plastic  2016