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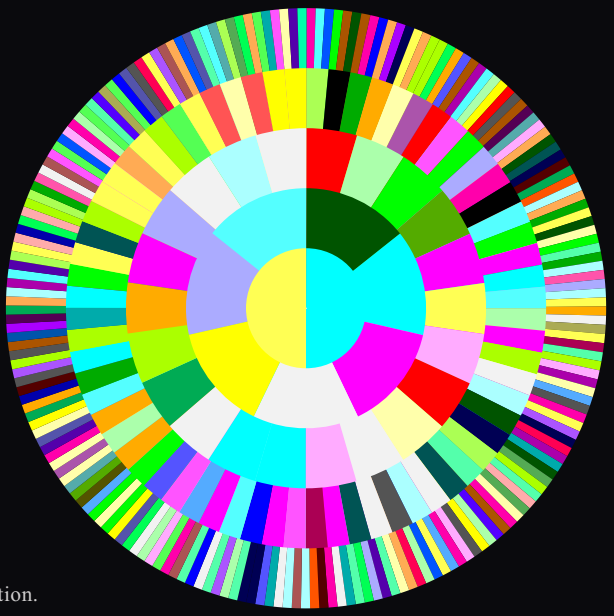

Panzer PerZan
www.PerZan.de

The transdisciplinary projects "I-Gene Visions" of the Cologne artist and researcher Karsten Panzer PerZan are developing a visionary grammar of science and the arts, of biology and the esthetics.
PerZan creates a connecting and binding meta-language between the binary codes of the genetic DNA and the archaic Chinese opus "I-Ging" by using a binary color-system as a mediator and transmitter of function and cognition.

At HGM 2004 PerZan presents digital color & sound animations, "Gene Symphonies", + exon-visualizations, “landscapes".

Fig.:
Human sex-determining region Y (SRY) gene
Visualization: Color-Cycle
Method: “Condensed Values”

HUMAN GENOM MEETING 2004, Berlin 4th - 7th April,

The meta-systemic correlations and algorithms give rise to an elementary and complex interaction mode of time and space, position and process or structure and function.

Aims and Applications:
- Interdisciplinary concepts for a joint grammar of arts and science,
- Reference-model for semantics and interpretation of genetic information,
- spatial-temporal modell of the "Genetic Context"
- 2D colour-transfer-system FR64 for 1:1 visualization of DNA- sequences,
- 3D colour-space PerZan: principles and visualization of protein-folding prediction,
- Structural microscopy and macroscopy of DNA-sequences by substitution procedure

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Fig.: DSCR 4, mRNA, Down-Syndrom, lev n-4 PerZan <diskret & fading>