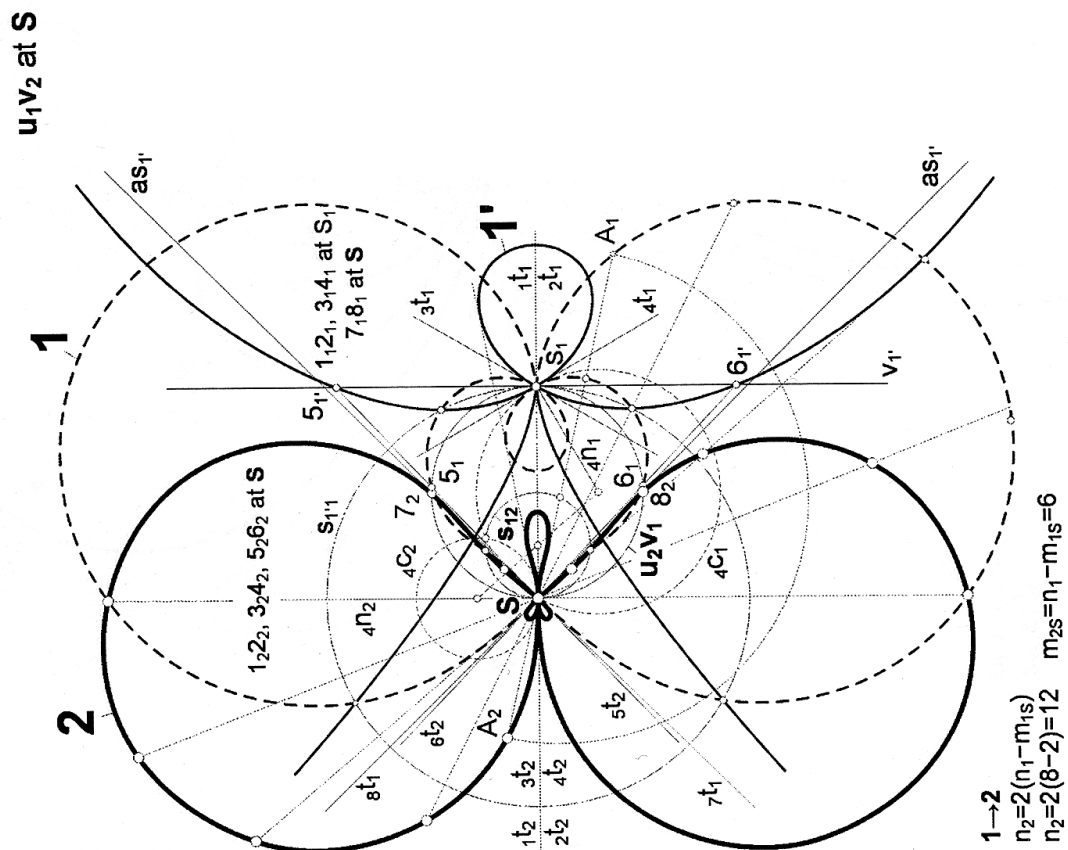


## Categories of Algorithmic Aesthetics: Obvious < Hidden < Secret < Geometric

Gunter Weiss (Dresden, Germany)

The lecture aims at an analysis of different viewpoints to geometric works provided by colleagues (Hans Dirnböck, Lazar Dvornikovic, Hirotaka Ebisui, Georg Glaeser, Fritz Hohenberg, Daniel Lordick, Jun Mitani, Laszlo Vörös, Robert Wiggs a.o.).

“Beauty is a matter of taste.” – And culture! A discussion about aesthetics of Algorithmic Computer Generated Art should consider both, the obvious visible part of an art object and the more or less hidden mathematics of it. A mathematical idea has a beauty of its own, leads to actively programmed algorithms and, via computer graphics tools – algorithms, too, (which by themselves might be a “secret” even to the artist-mathematician), finally leads to an arbitrary realisation. Only the connoisseur and expert will discover the full spectre of aesthetics, while others must be content with the aesthetics of the result alone. Some examples will show both, that the aesthetic value of an object increases and even decreases, when having understood the geometric idea behind it.



Lazar Dvornikovic: “Male of 6<sup>th</sup> order on armchair” (2008)

Gunter Weiss