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A Spring for Voltaire
/refl.. hologram series /

A series of three elements which reveal and question the taken-for-granted properties of spatial perception. The selection of object was not fortuitous. The rationalist philosophy of the Enlightenment, even if its lustre has somewhat faded away, is still embodied in Voltaire's brilliant mind. The spring is significant not so much by virtue of the associations it may evoke (the potentiality of flexible movement, etc.) but rather as an industrial object. It is a thin spatial form which lets the light penetrate behind it but which casts a shadow at the same time. It is particularly suited for the precise definition of spatial relations. The spring is placed in the head's symmetry axis in all of the three pieces of the series. Positiv / negativ / positiv changes can be seen in the case of the forms. The result is another symmetry as well.

Please, follow the visual occurrence through them.

The first object stands for our habitual rational perception of space. In front of Voltaire's mask there is a spring which partly covers it and casts its shadow on it. Thus it produces a more or less conventional space. The emerging field of associations is doubtlessly peculiar but it is merely associations and not a space yet. It is not insignificant; for a time it can be bracketed, although not eliminated.

The second object shows the negative form of the mask, with the spring in front of its hollow space. This produces some perceptible changes. The head of Voltaire is transformed: it looks as if it belonged to some fat cardinal. Although all details are reproduced faithfully, but in negative, the properties of a plastical body in space have changed. A measure of uncertainty has been introduced into the perception of space: the nose looks some time convex, although it is concave, and
something similar happens to the hollows of the eyes. But the relation of the spring to
the head still conforms to our usual sense of space.

The third hologramm was made of the same arrangement. It exploits a specific
property of hologramms: if the emulsion side of the plate is turned towards the
viewer, the form appears in front of it in space, and concave shapes are made convex.
Thus the negativ of Voltaire's head becomes positive again and appears in the space
in front of the plate. During exposure the spring was closer to the laser than the
mask, it partly covered the head while casting its shadow on the negativ mask. Because the
emulsion side of the plate has been reserved, a curious metamorphosis takes place:
the spring is now inside the head and its casts a shadow in front, on the forehead and
the nose. But this spring which is farther away covers, at the same time, the nose which
is nearer to the viewer or, if he/she moves slightly to the left or to the right, the
mouth, the chin etc. Contradicting all our expectations concerning spatial
perception, it is the object behind that covers the object that stands in front of it.
What is the result: a spatial impossibility or the anticipation of a new dimension? Is
the relation of three part of the series symmetrical or asymmetrical?

It is the holographer's job to offer its visual formulation, to reveal the visual
logic of thinking, but certainly not to cut short its process.

Spring for Voltaire