
"AUTOMATA"

Introduction by Gottfried Beyreuther

Humankind rose from its' primitive condition by implementing diverse tools & a complex disposition which drew from systems stemming from an emerging autonomy within evolution itself.

The actual status of the man/machine systemic equally followed successive stages:

- From the simple chalkstone which drew upon a rock to the mark of a pencil upon a sheet of paper
- From the stone tool used to strike, via the hammer, towards the jackhammer
- From the bamboo tubes which flung arrows towards the cannon
- From the javelin towards the teleguided rocket and after space vessel

Science progressively gave birth to and raised technique drawn from simple experience towards the elaboration of complex systems, systems equally known as 'man machine'. Parallel elaborations upon the concept of the transfer of human tasks towards those of the machine called on the laws and theories of cybernetics of the "machine de Thurridge", precursor to the computer.

The greater categories of elaborate dispositives is thus as follows:

- Service-mechanisms in the manner of the intake of a sheet of paper within an offset printer
- Electronic entities of an anti-blocking breakage security type
- Parameterizable electronic entities such as a HI FI channel
- Expert systems possessing a knowledge base introduced by an expert towards their adopting behavior best adapted in response to a situation of the general requirement similar to the "repartition" of vectors of telephonic communications via cables, Hertzien links or of satellites.

This evolution brought within its' inception a modification of the states of the human condition where mankind gained greater efficiency of action, yet a decline in the mastery of process, whether regarding the state by their own definition or of creation or within the length of the differing phases of the unfolding of the processes.

Save for being the creator of the automaton or the system man/machine, it suffices to assist and yet better to survey a process, thereafter to receive the result whether a service or product, and finally to decide upon the quality of the produced results.

Corrorarily, a transmutation of realities is hence assisted.

We pass through known and mastered realities towards a new reality by way of meta-realities, all in condition of the formalization of the subjects in treatment.

The creation/production and the guidance of such dispositives to the equivalent degree of automatization: in supposition, in requirement, the formalization of reality by the decomposition as variables which take their respective turn of roles as those of a dependant variable which furnishes results in accordance to independent variables, that is to say, of a system or of the automaton.

This undertaking counters four poles that interact in following the goals sought after:

- Dispositive, static and closed: a decision an action such as the pressure of an electric lamp or a computer keystroke
- Dispositive, dynamic which unclenches a precise yet immutable process.
- An open system or compartmental where the works motion unclenches internal actions of dependant systems of an apparent autonomy.

The intrusion of automatons in contemporary life has been banalized by laundry machines, as example, liberation from indispensable chores yet ingratiating. In industry, automatons find the highest evolution in their zenith as precise and near infallible robots of production.

When is the now of automatons within the domain of art?

What is brought by the automatons to the artist and what enrichment is there for the spectator?

It is towards this bi-polar question which seeks an answer, we hope to convince by our next exhibition of IFA/ISLAND6.

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