

## **Insect-Model Based Robots**

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Insects have many excellent features and functions in their small bodies, such as hexapod walking, flapping flight, vision systems, sensory hairs, etc, and those characteristics can be thought as good models for many types of robots. Insects also will be good models for micro-machines because of its size.

Insect behavior consists of simple reflex acts and programmed behavior. Some robots were made in order to clarify the emergent mechanism of insect behavior. Through some experiments it would be found that even if insect behavior consists of some simple action patterns, it looks intelligent through interactions its sensors and actuators with its complex environment.

In the near future, small robots inspired by insects will be used in many fields of our life. I hope that insect-model based robots will play an active part in many fields and that they will make us happy.