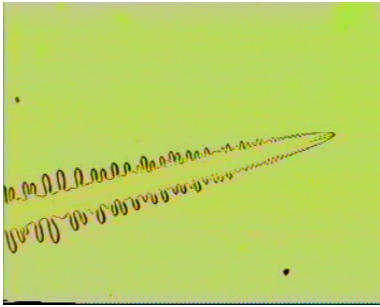


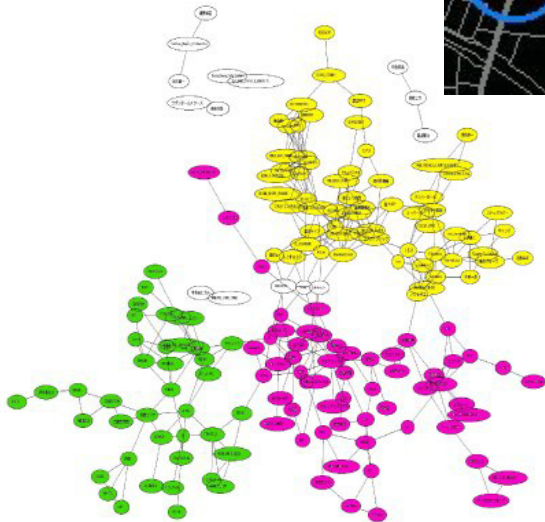
# Analysis of Structures in Natural and Social World

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Research for growing dendrite.

Optimization for demand bus.



Artists community  
from the view point  
of Mixi.

Content :

We sometimes encounter the phenomena in the world that if a huge amount of tiny and poor particles gathers, an unexpected shape emerge or an excellent system is constructed.

In recent years, they are applied to optimization problem, which is important for engineering, and testing for robustness of the system from the relationship among people or objects.

In our laboratory, we research the mechanisms of several phenomena and analysis of the structure of networks using the concepts of complex systems. Moreover for the application of optimization problem, we work on the problem of demand bus and delivery. In network analysis, we are collaborating other field researchers like sociologists or economists in the spirit of no constraint of engineering. The unheard-of interdisciplinary research is our principle.

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