Abstract

In this paper, we study the effect of demand on specialization of skilled agents by modifying the earlier hybrid model which is based on the well-known Genetic Threshold Model (GTM) and Social Inhibition Model (SIM). We improve the agent specialization or division of labor (DOL) and also the quality of work (QOW) by introducing a new concept of varying the demand on a smooth curve and compare our results with the previous models.

References

A Hybrid Model for Emergence of Skilled Agent Specialization with Continuous Demand


**Index Terms**

Computer Science  
Information Sciences

**Keywords**

Division of labor  quality of work  agent specialization