In the last paper I read in perusal titled: Oppen problems in artificial life I have learned about a list of open problems, which we discussed in class that most of them are too vague of questions to be able to approach them in an intension of solving them. Also, I brought up a point about what if they ended up being solved what would be the next step form there, where could be the impact of solving these problems on artificial life as a field and on societies as a whole, and to my understanding the answer to that question is also kind of unknown as those problems remain a mistery. One of the problems that I thought might be the hardest to solve : Explain how rules and symboles are generated from physical dynamics in living systems.