

Simple Field Experiments for Consensus Formation on Campus

Shao-Hsuan HSIAO^{*1}, Hao KE¹, Po-Yu CHIEN¹, Wei DAI¹ and Chung-I CHOU¹

¹Department of Optoelectric Physics, Chinese Culture University, Taipei, 11114, Taiwan

E-mail: *s900332323@hotmail.com.tw

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Our series of works were inspired by the famous Japanese drama "Legal High". When a person is making a decision, he/she must consider his/her personal favorites (and benefits) and the mainstream opinion of the community he/she is in. The competition between personal individuality and bandwagon effect cause the complicated phenomenon in "Consensus Formation".

As shown in our oral report and another poster, we adopt the basic idea of quantum walk model to build a simple model to simulate the competition of different opinions. But the question is, are our simulation results in good agreement with the real world empirical research.

For comparing our results, we design different types of experiments on our campus. In each experiment, several conditions have been considered such as group size, opinion delivery network, information visibility, peer pressure, etc.

In this poster, we will show the setups and the results of these experiments.