

## A Black Sheep

Weiru Liu

I always regard myself as a black sheep in the Math Reasoning Group ñ because my research was quite different from the central theme of the group.

I am grateful to Alan for taking me on as his PhD student knowing that I was to do something different. I therefore had the opportunity to experience what a world-class group is like and why it has been so successful for so many years.

I have benefited greatly from being Alan's student for not only doing my PhD, but also learning some long-term research methodologies. Many of you would surely agree with me.

$\alpha$ : Write down your thoughts ñ a short note is a good way to keep your sparks, I ask my students to do the same these days.

$\beta$  Be critical to what you write ñ it is the author's responsibility to make the paper readable not the reader's responsibility to solve the mystery. I am still trying hard to apply this rule to what I write, though it is easier to apply it to my students' work.

$\gamma$ : Keep faith and not to be destroyed by the harsh criticism from reviewers, reviewers are not always correct.

## Research ? !



It was hard, but, I enjoyed it so much.

Thank you, Alan. I truly appreciate all I have gained from being a DReaMer.