It is time for me to graduate! I realize in writing this I have spent five precious years of my life in this graduate school. While I am enthusiastic to bring this part of my life to close, I have to say this graduate school has allowed me to understand life and science better. Science for me is an archetype of existence. It is more than a career for a living or a fascination for certain topics. I understand Science as the very essence of humanity. Therefore, all my work is based on that general premise. It is a way of living, cultural exploration and philosophical development. I wanted to do it seriously with passion and awareness of what it is.

I think any serious research work at the level of PhD should involve strong background knowledge of philosophy on human life. Science is neither a craftsmanship nor a clever discovery of nature. It is not a task that can be done by any mind with a good memory and a good understanding on the techniques involved with good class marks from previous schools. It requires maturity as an educated human personality with proper insights on the processes and consequences of the work involved for the society and all human beings to a far extent. It is a scholastic activity with unselfish and unbiased causes.

This thesis is intended to provide a clear 'picture' on what I have been doing. I tried to put ideas and procedures in figures to represent them succinctly as I myself understand scientific work quicker and better that way. I may not have done the best but I am sure I have done the best possible. But do you think I have done this alone? Do you see only my name on the cover of my thesis? That's to claim all the mistakes, miscalculations and slip-ups, as for contributions; I have a lot of people to thank for their help. A journey is easier when you travel together. Interdependence is certainly more valuable than independence.

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