Some reflections emerged from the conference

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I registered for the conference with enthusiasm, as I was finally going to be able to meet the researchers behind the papers I have been reading for a little over three years. I was finally going to be able to meet the humans behind the ideas that have shaped my master's thesis and are now influencing my doctoral project. Would these people be willing to discuss with me? Would listening to them clarify the ideas I have read? I had no idea, but I was eager to exchange and learn.

After the conference, I better understood my position in relation to algorithmic thinking in mathematics. Indeed, throughout the presentations and exchanges, I could see that some perspectives were closer to mine and others more distant. I became aware that my perspective was that of a mathematics educator. I can engage in discussions with people who are specifically interested in computational or algorithmic thinking in different contexts, but my viewpoint remains that of a mathematics educator. However, I understood the importance of developing my programming skills. Indeed, through discussions and explorations in my working group, I noted that proficiency in programming provides freedom and space to create or explore diverse and original tasks. Since then, I have been practicing programming to achieve this freedom and to explore ideas that can guide my theoretical and practical reflections.

Furthermore, Richard Noss's conference guided my research intentions for my thesis. He emphasized the importance of creating tasks for students and contributing to the training of teachers related to the development of computational thinking in the classroom. In the context of my thesis, I aim to contribute to these reflections by proposing collaboration with teachers to integrate algorithmic thinking into their mathematics classes, creating tasks for them to experiment with. These experiments, along with reflections from working with teachers, will allow me to continue theoretical and epistemological reflections related to algorithmic thinking in mathematics.

Finally, during the conference, I met extraordinary people with whom I exchanged ideas, leading me to connect with individuals interested in computational thinking in Montreal. Consequently, I expanded my network and opened up possibilities for research related to computational thinking, computer science, and algorithmic thinking. During the conference, I also had the opportunity to meet Chantal Buteau, who agreed to host me for an internship at Brock in the winter of 2024.

I want to express my gratitude to the organizing committee for making this event possible.