

Tips from Your Graduate Coordinator

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12:25 PM

3 kinds of students: 1. Terminal MSc. 2. MSc to PhD 3. PhD
4. Exceptions.

Read the Handbook!

Financial Support.

1. Apply to every grant you see! OGS
2. We may have more, around October. Nothing promised.

1. Don't settle for the minimal passing grade.
2. Buy used books but don't sell them. (Or download...)
3. Shop! Explore! Broaden! Go to many talks and seminars.
4. The faculty are lonely, chat them up!
5. Everybody else also feels stupid.
6. Get some teaching experience.
7. Travel and be seen.
8. We do proofs, not essays. (NO!)
9. Get cozy with computers.
10. Have a backup plan, but don't rush to use it.

(1, 1)		
I		
(1, 2)	(2, 2)	
	I	
(1, 3)	(2, 3)	(3, 3)
		I

⋮ (i, j) ⋯

(1, n)	(2, n)	(3, n)	...	(n, n)
				I

Space for a $\sigma_{i,j} \in S_n$ of the form

$(1, 2, \dots, i-2, i-1, j, *, *, \dots, *)$

So $\sigma_{i,j}$ fixes $1, \dots, i-1$,

sends "the pivot" i to j and

goes wild afterwards, and

$\sigma_{i,j}^{-1}$ "does sticker j ".

How to solve the Rubik's Cube with non-commutative Gaussian elimination. See MAT1100, Core Algebra.

This page: <http://katlas.math.toronto.edu/drorbn/AcademicPensieve/2010-06/AccraPictures/index.html>.

PM: 1. Add "diversify your portfolio" to the tips.

2. Memorize the program requirements.