

# Geometric Group Theory

UDGRP - 2024



Before we proceed ....

some gen. instructions.

1. Please try to attend all classes!
  2. It's highly recommended not to attend more than 2 WRPs.
  3. Ideally reading projects are not like this...
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4. (Specific for GGT) Please understand this very carefully, GGT isn't a child's play, it's a very sophisticated branch.  $GGT \neq GT$ , it's one of the very recent branch of mathematics (started off in the late 1970s). We need a lot of tools from Alg Topo to help us out (but we won't



cover that over here....)

5. How to do good in GAT?

Solve problems!! As much as you can...

6. Please participate... (ask qstns.)

7. We are seniors... and not profs.

8. (Interesting!!) Problem Sets...

Course Website:

[maltreanungkun.github.io/web/teaching](https://maltreanungkun.github.io/web/teaching)

- Lecture Notes.
- Lecture Recordings.
- Problem Sets.

Free Chocolates....



try the  
Chocolate  
Problem  
(P-V)



Partial sol<sup>n</sup> or even good &  
bad ideas are always welcomed

Please do attempt the  
problem set honestly, don't  
copy....

Want more problems?

DM me or Rinking Di.

Lastly, please please please....

interact

talk to us if you have  
any problem...



## Submissions to Chocolate Problem.

- Submit it before next class.
- If you want to discuss pls discuss on Whatsapp.
- If you want to share your final sol<sup>n</sup>. (need not be complete) do it on email.

email id: [maltreanungkur@gmail.com](mailto:maltreanungkur@gmail.com)

(pls cc) [rinking@gmail.com](mailto:rinking@gmail.com).

- If you have any prob regarding the other 4 problems pls DM on whatsapp (or most pref. on grp.)