CHARACTER THEORY OF FINITE GROUPS

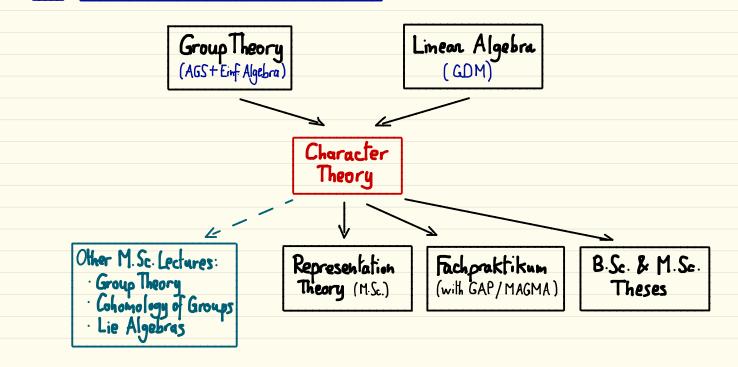
SOMMERSEMESTER 2020

CAROLINE LASSUEUR

TU KAISERSLAUTERN

CHARACTER THEORY OF FINITE GROUPS \$\$ 2020

A. BEFORE AND AFTER



CHARACTER THEORY OF FINITE GROUPS \$\$ 2020

B. INTRODUCTION

Aims of the lecture :

CHARACTER THEORY OF FINITE GROUPS \$\$ 2020

C. PROGRAMME

The main tapics of the lecture are:

- I. Linear representations of finite groups
- I. Characters of representations
- III. The character table
- IV. Bunnside's p^egb-Theorem
- Y. Induction and restriction

VI. Braver's Characterization of characters. (If time permits)