

Algebraic Theory I

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Lecture 13

Fri 24 Sep 2021 11:30

I originally missed this lecture so it is transcribed from a classmates notes.

Lecture 14

Fri 24 Sep 2021 11:30

Let G be a group, and $Z_0(G) = \{1\}$ with $Z_1(G) = Z(G)$. Thus, $G/Z_1(G)$ is a group which has $Z(G/Z_1(G)) = \frac{Z_2(G)}{Z_1(G)}$ where $Z_2(G)$ is the preimage of $G/Z_1(G)$, that being the subgroup of G containing $Z_1(G)$. We see we may continue

Z_2 .