

HW 10 SOLUTIONS

4/11/05 (1)

Exercise 5.28

$$\sigma_1^{-1} \sigma_2 \sigma_1 \xrightarrow{\text{Rule 1}} \sigma_1^{-1} \sigma_2 \sigma_1 \sigma_2 \sigma_2^{-1} \xrightarrow{\text{Rule 2}} \cancel{\sigma_1^{-1} \sigma_1} \sigma_2 \sigma_1 \sigma_2^{-1}$$
$$\xrightarrow{\text{Rule 1}} \sigma_2 \sigma_1 \sigma_2^{-1}$$

Exercise 5.29

