

## MA557 Problem Set 5

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**PROBLEM 5.1**

Мы ничего не знаем.

*Proof.*



**PROBLEM 5.2**

*Proof.*



**PROBLEM 5.3**

*Proof.*



**PROBLEM 5.4**

*Proof.*



**PROBLEM 5.5**

*Proof.*



**PROBLEM 5.6**

*Proof.*





**PROBLEM 5.7**

*Proof.*



**PROBLEM 5.8**

*Proof.*

