$\begin{array}{c} {\rm Mathematics~GU4051~Topology} \\ {\rm Assignment}~\#~12 \end{array}$

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Problem 1.

Problem 2.

(a)

(b)

Proof.

(c)		
Problem 3.		
(a)		
(b)		
Problem 4.		
(a)		
(b)		
Problem 5.		
Problem 6.		
Lemmas		
Lemma 0.1.		