Chapter 3

Note: $\longrightarrow$ means step in the proof.
$\Longrightarrow$ means implies without breaking.

I. Surfaces

1. Surfaces and Maps.

Classification of closed surfaces.

Triangulation.

We through about the surface from the given triangulation. Choose and triangle in it edges, and edge belongs to triangles. So $\{v, e, t\}$ $\{v, e, t\}$ $\{v, e, t\}$