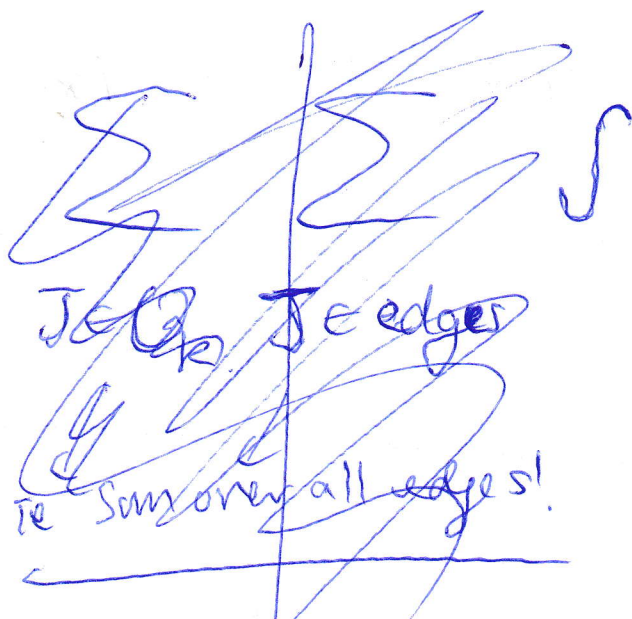


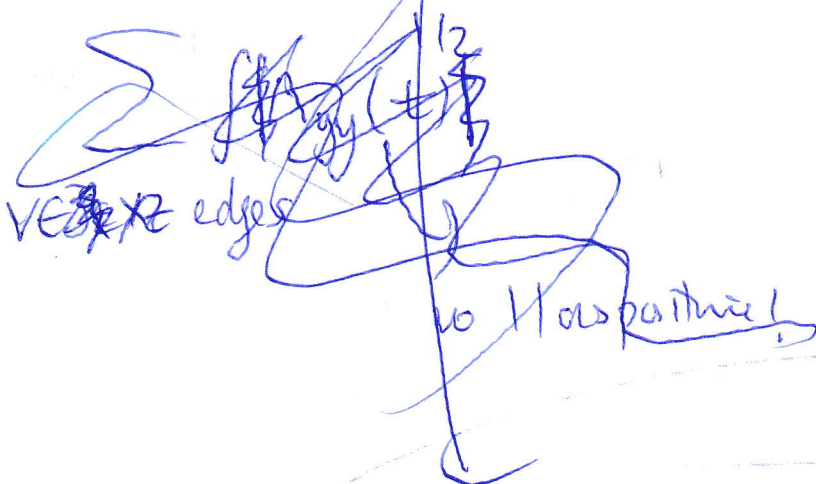
Taking the limit as $b \rightarrow 0$

(6)

converge to:



how to generalize to arbitrary manifolds?



write in terms of H_1 .

$$\Rightarrow \sum_{v \in xz \text{ edges}} \int \Lambda_{yy}^{1/2}(t) \mathbb{I}[t \in v] dt$$

$$+ \sum_{v \in xy} \int \Lambda_{zz}^{1/2}(t) \mathbb{I}[t \in v] dt + \sum_{v \in yz} \int \Lambda_{xx}^{1/2}(t) \mathbb{I}[t \in v] dt$$