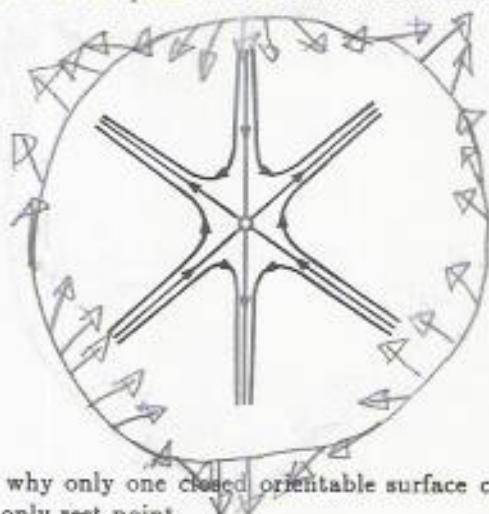


Question 16

- (i) Find the index of the rest point in the flow field sketched below.

[7]



- (ii) Explain briefly why only one closed orientable surface can have a flow field with this as its only rest point.

[4]

[END OF QUESTION PAPER]