



Quel

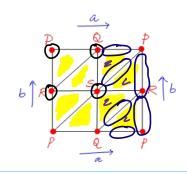
1st one is not a triengulation of a Tr as visually you can ble that the point of does not have everyn dimensions

makry it flat

as all edges are pent of at now of triayles it is a marifold

X = 4 - 6 + 4 = 2points expes pare
also we know $X(TT^2) = 0$

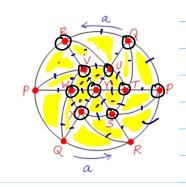
This is enough to prove not humanpuc.



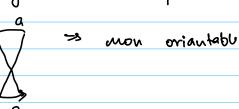
and.

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R+ orientability -> complete inversions

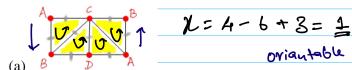


we need to find a möbius strip which can be seen in the

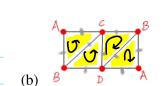


-3 X=1 + ruon orianfebb =3 1772

* Serily cheer call edge 2 triangles.







K=4-6+3=1.

this is originable.

hence ils a. _ ?

 $\chi = 5-8+4=1.$ This is non orientable here RP^{2}

Novelle Por Q R

Möbius strip??