



$\begin{array}{cccccccccccccccccccccccccccccccccccc$	12
Remarks: - every knot is knot	
- every kust is isotopie to knot - two kusts that are potopie are isotopie	
Same theory in R3 on S3	
Proposition: if KCS is image of a knot then it is the image of ≤ 2 / isotopy.	
Rew: hoppers only 1	
Proof: Suppose Xo, X, : 51 = [0,1]/ -> K	
- up to notation one S' assume $x_0(0) = x_1(0)$; - $x_1'' \circ x_0 = \text{seef-diffeo of } S' ; can assume up to anismornium (up intopy) one S' orientation paraviry i.e. [0,1] \longrightarrow (0,1] increasing with fixed an X_{t}(t) = (1-t) \cdot t + (x_1' \circ x_0)(t) x_{t} = x_1 \circ S_{t} isotopy x_0 \circ x_1.$	(s.

,



























