Line segment intersection
Given: a set of segments S:= ds.,, snt Goal: identify all intersections of S.
(Assumption: Q No horizontal mech? Q No three sees intersects at a post
9 No two seeks intersects w toward was 12 draw course to
Noive ale = O(n2) time. Wast case, D(n2) intersections.
What if #intersection is subguadratic? Want to S(nt I) time,
Idea 9. I word intends of S
l l
Idea 2. Ordered 13t of the seps intersecting w/ I.
agacent in the ordered list.
Issue 1. Consider only "meaningful" timesteps.
Issue 2. Maintain the ordered list of the segs intersecting wil.
- BARING STARING GAING CATAGOS





