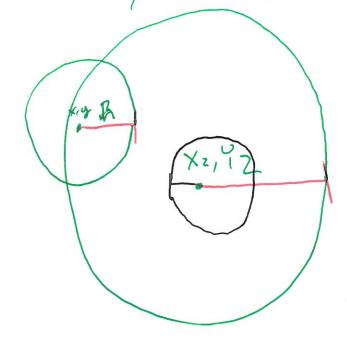
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Circle / Circle Collisions



first Take

1. take distance from

(xi,yi) & (xz, yz)

2. Compare distance to

sum of radii

Second Take

Inflate / Deflate Method 1. Add circle two's radius to circle one.

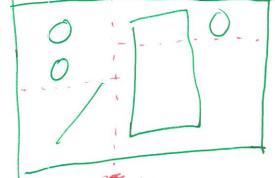
- 2. Compare the new center of circle two.
- 3. Do point/Lircle

How to avoid

O(N2) rollision

detection

Spatial Subdivision Data Structure.



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15 the point to the right?

15 the point above?

15 the point below?

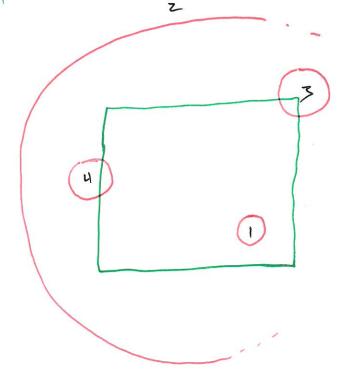
15 the point below? çã



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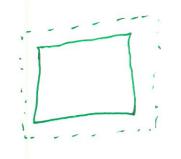
Circle/AAR Collisions

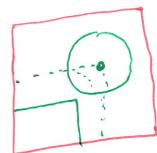
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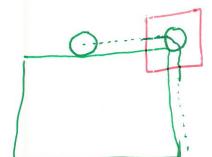


In Slate / Def late

Does not-work!







Bad

Crenerate new Geometry
- Z rectangles
- 4 circles
- Lollide the circle center again all
six.

5



Circle /AAR #Z

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