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← Configuration Space

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一葛

what is triangle intersection's test standard for points?
一敏 葛 Configuration Space (/learn/robotics-motion-planning/module/EDk8Q/discussions) · 4 days ago (/learn/robotics-motion-planning/module/EDk8Q/discussions/iLbv5de5EeW9ug73QL_FVQ)
I got 11/15, then I tried three different methods to modify my code, still it remains 11 points. Configuration Space seems just looks like the one in PDF. So I couldn't find what' wrong and the feedback is useless.

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JH

James Hutton · 4 days ago (/learn/robotics-motion-planning/module/EDk8Q/discussions/iLbv5de5EeW9ug73QL_FVQ/replies/pJeXitfHEeW17wrgkMLDIQ)
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I had the same problem. It turned out my algorithm was returning false in the case where one triangle was completely inside the other triangle. When I fixed that, I got 15/15.

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一敏 葛 · 4 days ago (/learn/robotics-motion-planning/module/EDk8Q/discussions/iLbv5de5EeW9ug73QL_FVQ/replies/pJeXitfHEeW17wrgkMLDIQ/comments/g_ZCsdFYeEwX_BI9PC2FcQ)
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Thanks! but I include this situation in my code. There must be something else neglected.


一葛

一敏 葛 · 4 days ago (/learn/robotics-motion-planning/module/EDk8Q/discussions/iLbv5de5EeW9ug73QL_FVQ/replies/pJeXitfHEeW17wrgkMLDIQ/comments/GR9Pa9fbEeWOeA4jiPAY1w)
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Finally, I got the right answer. I just checked if A is inside B, but forgot to check if B is inside A.

SD

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Yuan Gao · 10 hours ago (/learn/robotics-motion-planning/module/EDk8Q/discussions/iLbv5de5EeW9ug73QL_FVQ/replies/SUevuNqiEeWPWxKN5F2MAQ)
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how to check whether one is inside the other mathematically? I think I've got no idea about how to deal with it...

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