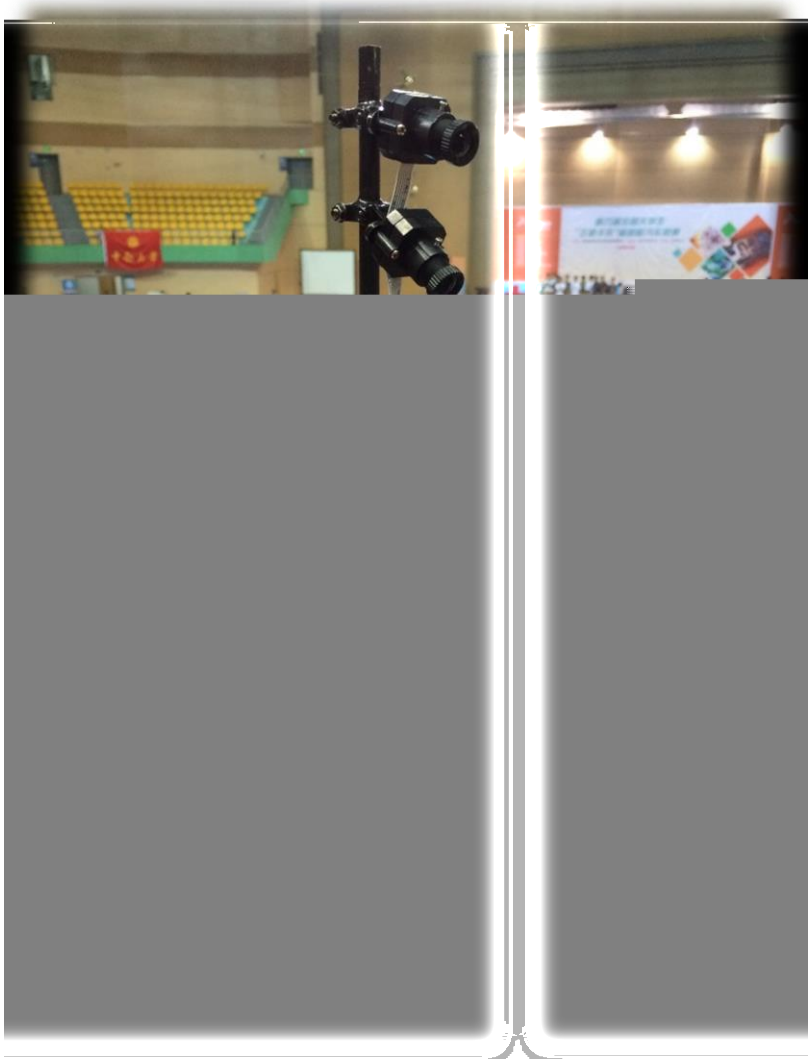
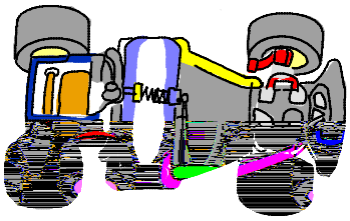
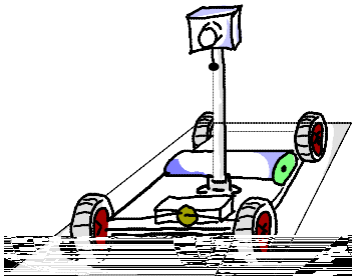
2020 年北京交通大学大学生智能汽车竞赛

比赛细则

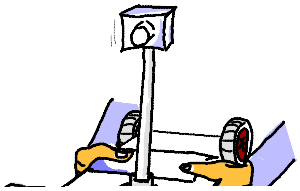


B	 540 S-D5		1. https://m.tb.cn/h.eo8emvb?sm=dcb7c3 2. https://m.tb.cn/h.eMn0pgN?sm=d7414b

C	 RS-380 FUTABA3010		1. https://m.tb.cn/h.eo8fpms?sm=d538d9 2. https://m.tb.cn/h.eo8VTHn?sm=9e8204 3. https://m.tb.cn/h.eo84YfA?sm=8838c4



车模平放在 A4 打印纸上 10 秒钟



车模抬起瞬间， 打印纸不离开地面

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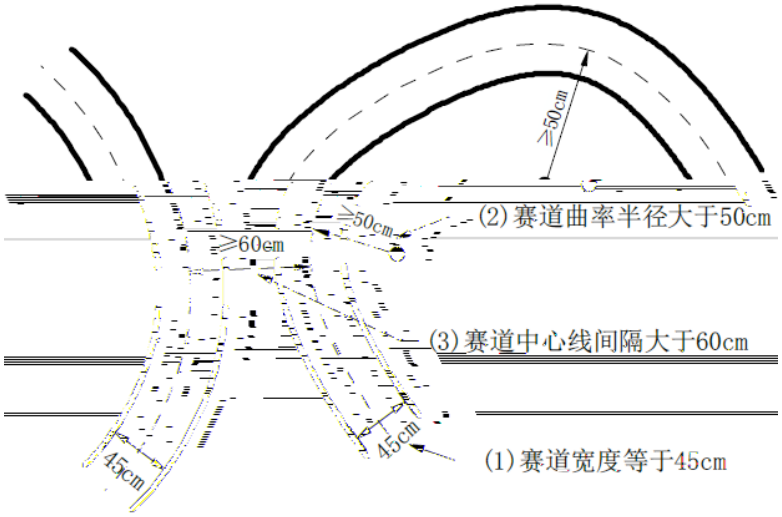
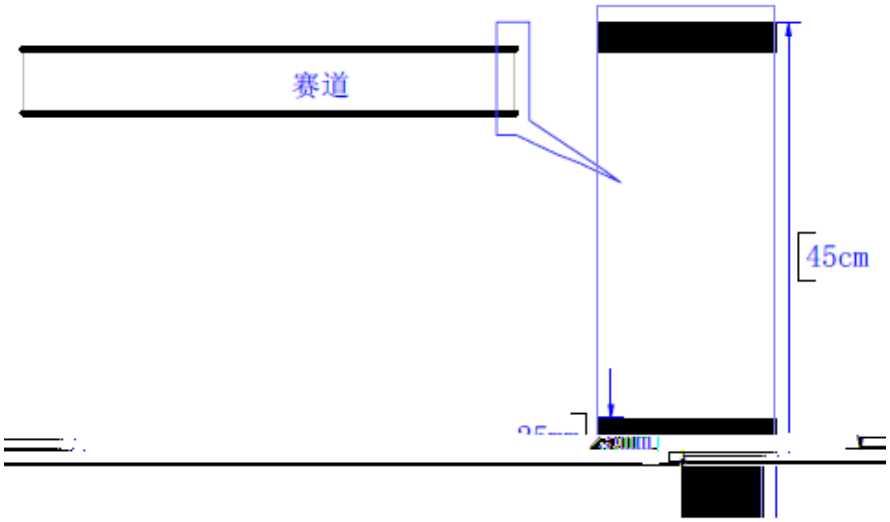

≥50cm
≥50cm
(2)赛道曲率半径大于50cm
≥60cm
(3)赛道中心线间隔大于60cm
45cm
45cm
(1)赛道宽度等于45cm

●


赛道
45cm

●

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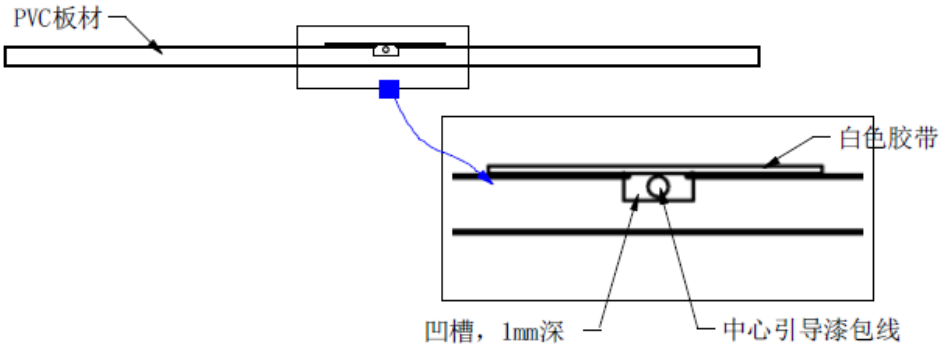
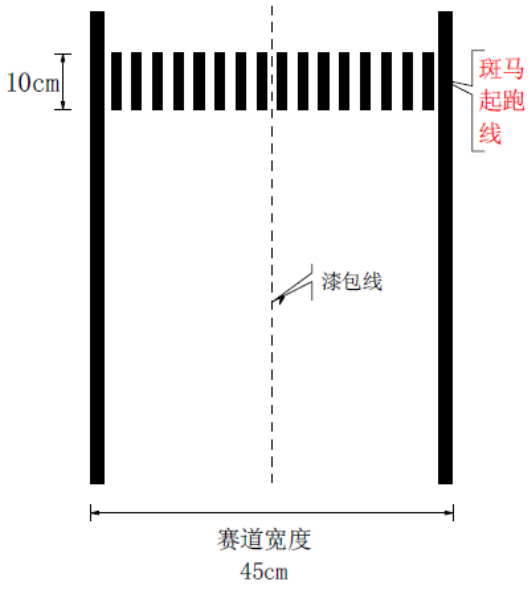

PVC板材
白色胶带
凹槽，1mm深
中心引导漆包线


10cm
斑马
起跑
线
漆包线
赛道宽度
45cm

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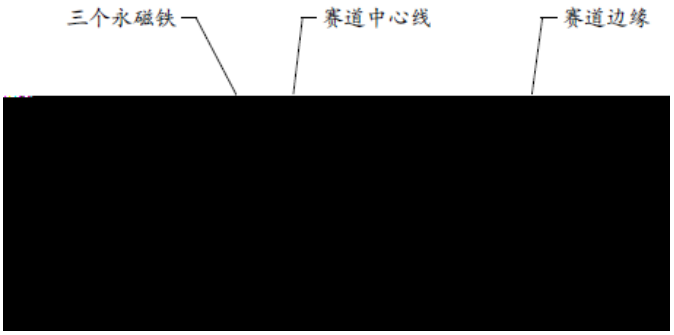
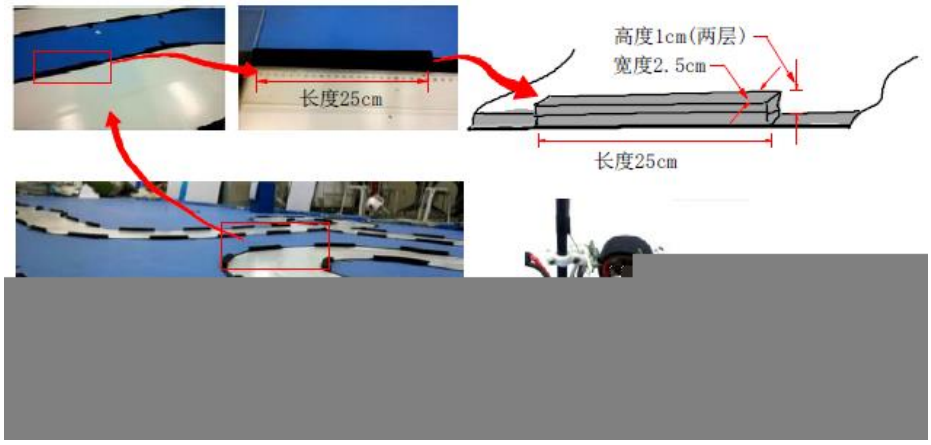
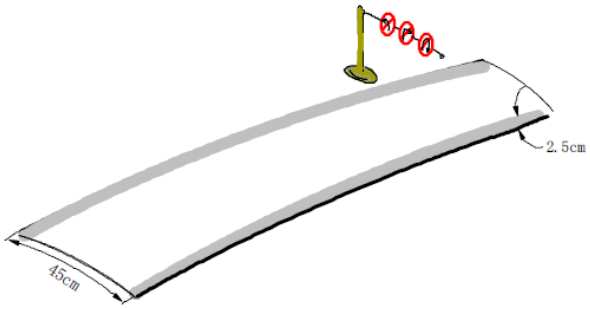
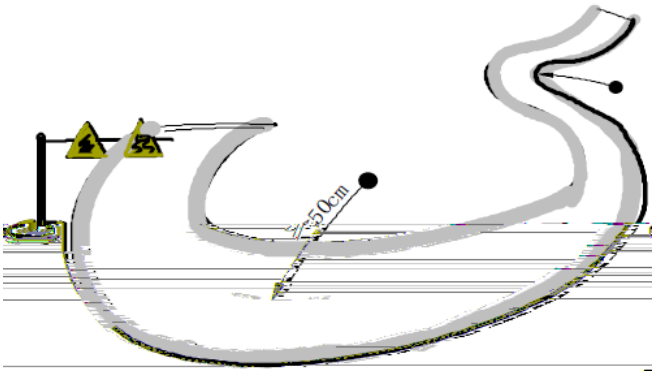
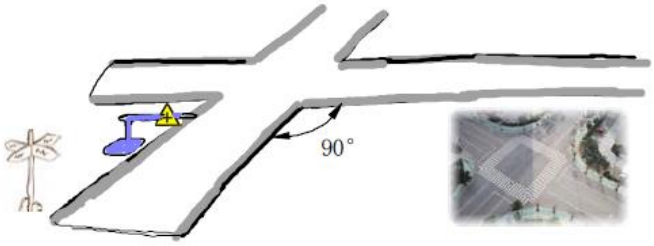
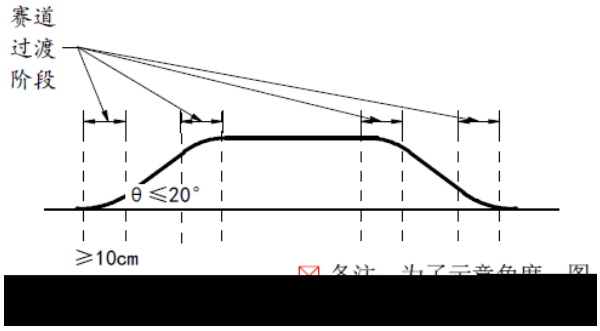
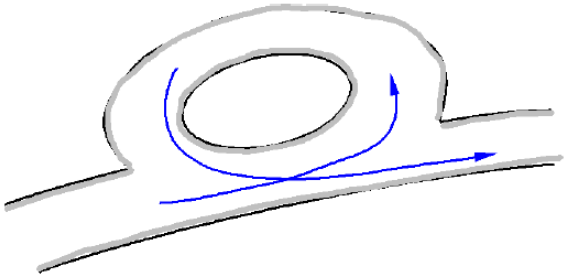

三个永磁铁
赛道中心线
赛道边缘


长度25cm
高度1cm(两层)
宽度2.5cm
长度25cm

	 2.5cm 45cm	
	 50cm	
	 90°	

	 赛道 过渡 阶段 θ ≤20° ≥10cm	
		

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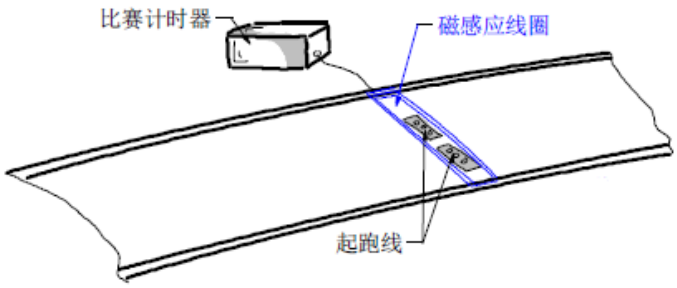
比赛计时器
磁感应线圈
起跑线

N
S
7mm
7.5mm
钕铁硼永磁铁
高：7mm
直径：7.5mm
高度≤2cm

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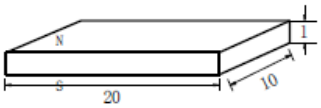
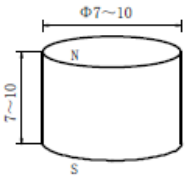
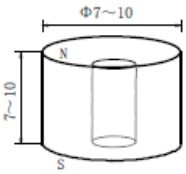


扁平长方形磁铁



圆柱形磁铁



带有中心孔的
圆柱磁铁

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微信搜一搜
GeekStar