

Measurement report

Kohtla-Nõmme Stadium

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May 2023

308m Kohtla-Nõmme Stadium

The course is located in Kohtla-Nõmme local stadium. As strange as it may seem, length of the stadium lap is 308m. Instruments used for the measuring are:

- 1) Jones counter
- 2) Trimble S5 2"
- 3) Trimble R12i

The course and calibration course can be seen in extra 1.

Calibration course

Stadium's 100m straight line is used for the calibration which was accurate. The length was also measured and checked with Trimble S5.

Bicycle calibration data sheet in Kohtla-Nõmme Stadium

Table 1. Calibration before measuring the course

Ride	Start	Finish	Difference		
1	863300	864477	1177	Average count	1176.5
2	864500	865677	1177	Start time	16.00
3	865700	866876	1176	Finish time	16.20
4	866900	868076	1176	Temperature	18
Length of the calibration line is 100m					
Working constant		11.765000	1.001	=	11.776765

Table 2. Calibration after measuring the course

Ride	Start	Finish	Difference		
1	876600	877777	1177	Average count	1176.5
2	877800	878976	1176	Start time	20.00
3	879000	880177	1177	Finish time	20.15
4	880200	881376	1176	Temperature	18
Length of the calibration line is 100m					
Working constant		11.765000	1.001	=	11.776765

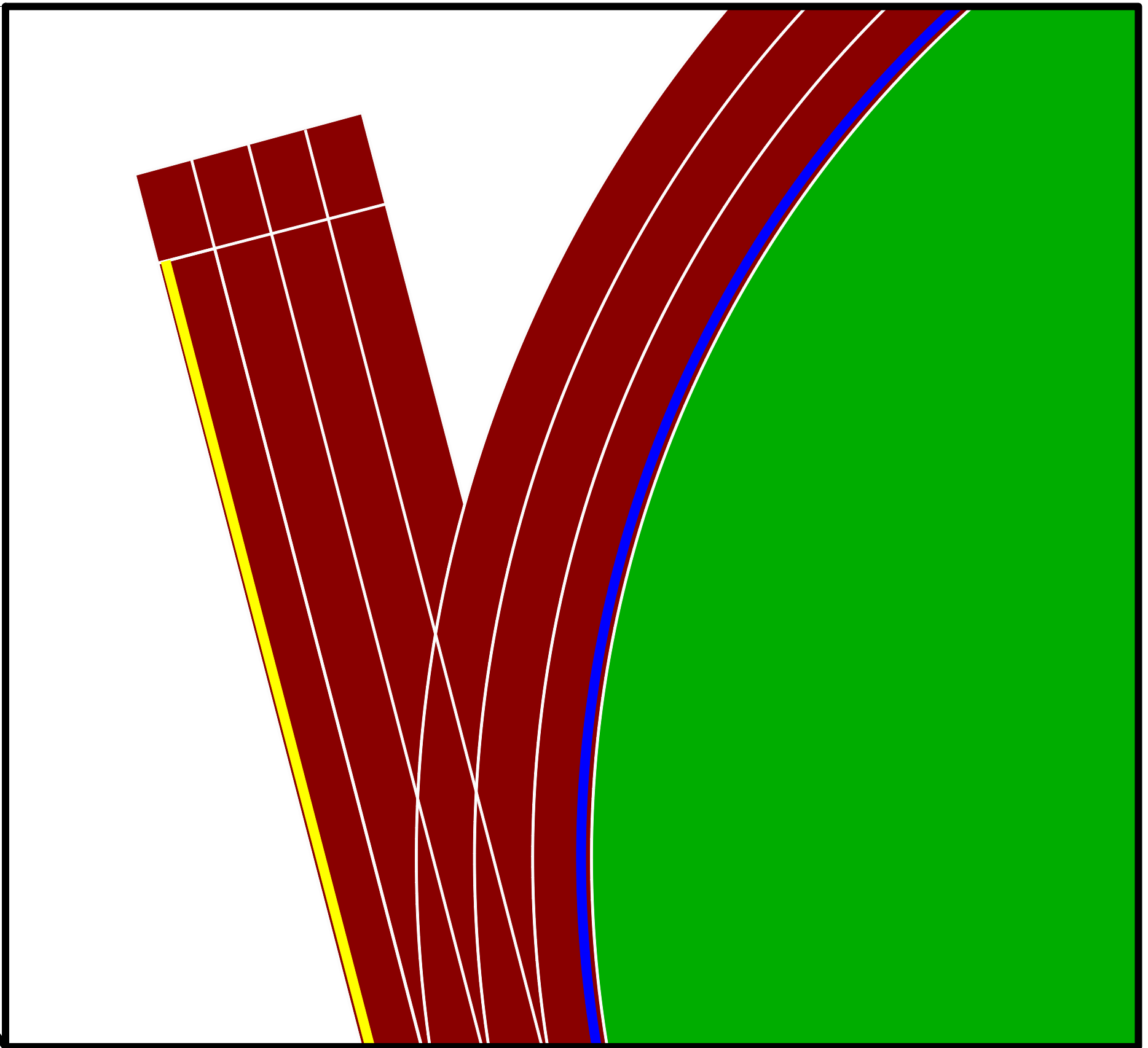
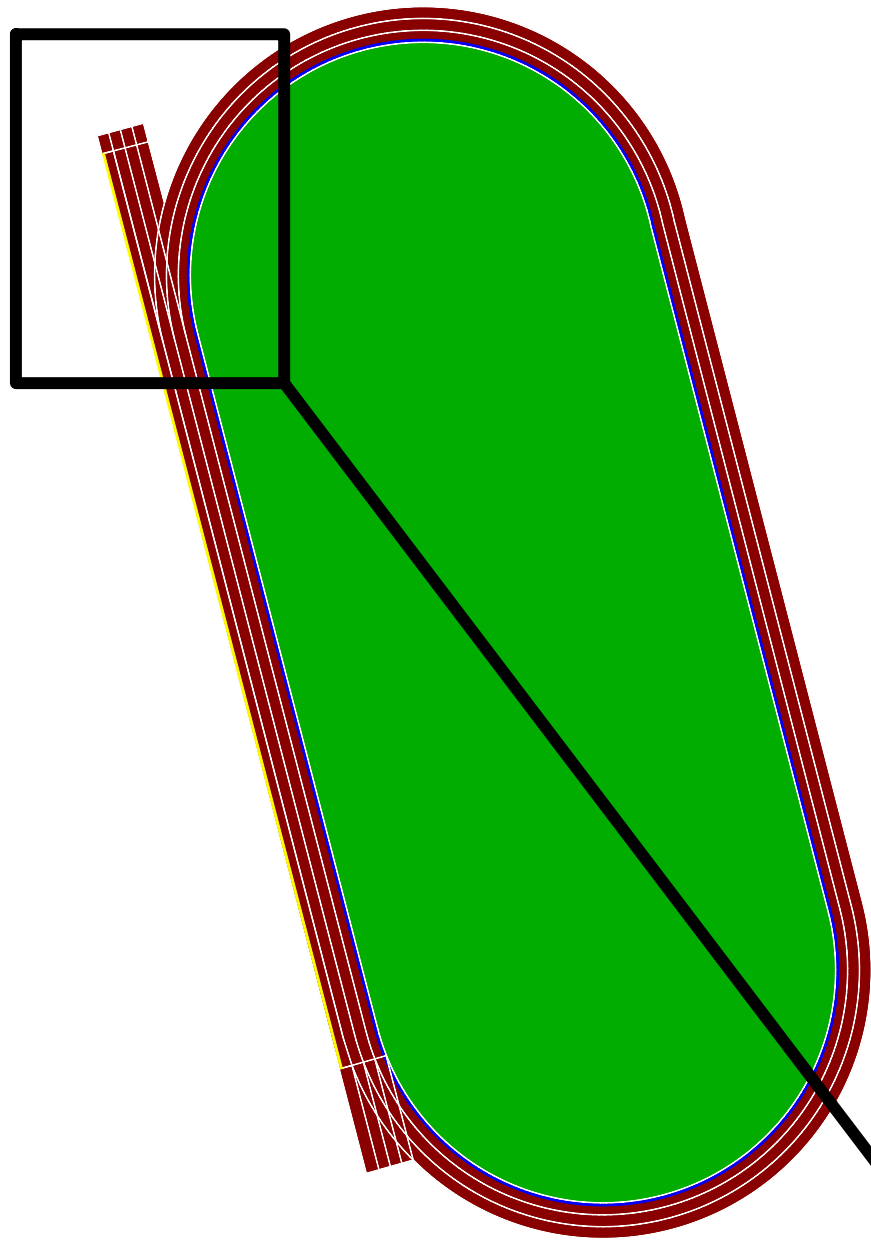
Constant for the day	11.776765	Counts/m	1count	0.08491296	m
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Course measuring data sheet for Kohtla-Nõmme Stadium

Table 3. Measurement data

Measured point	Counts recorded	Laps(s)	Distane from last point		Cummulative distance in metres
			Intermediate counts	Intermediate distance in metres	
Start	869300	1			
Lap 2	872928	2	3628	308.06	308
Finish	876557	Finish	3629	308.149	616.209
Measured distance of the course 1 st time				308.06	m
Measured distance of the course 2 nd time				308.149	m
Desired length for the course				308	m

Extra 1



-  Trajectory of the runner
Measured 30cm from the edge
-  Calibration course