

## Vertical Transport System - Quick Summary

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Coil #	Name	ID	OD	$N_{rad}$	$N_{ax}$	height	$z_{pos}$	Sepn to next	Wire Dim
V1	Vert1/H10	50	104.3	19	4	9.32	-20.5	41	1.43x2.33
V2	Vert2/H10	50	104.3	19	4	9.32	+20.5	34	1.43x2.33
V3	Vert3	50	104.3	19	4	9.32	63.8	30	1.43x2.33
V4	Vert4	50	104.3	19	4	9.32	103.1	21.3	1.43x2.33
V5	QT	56.2	96.8	18	8	23.3	133.7	34.6	1.43x2.33
V6	QT	56.2	96.8	18	8	23.3	191.5	-	1.43x2.33

Table 1: Dimensions and locations of coils used in vertical transport. Coil separation describes the separation towards the subsequent coil (e.g. for V1, refers to V1 - V2 distance). Reference Table 89-2 Lab Book #4. All dimensions in mm

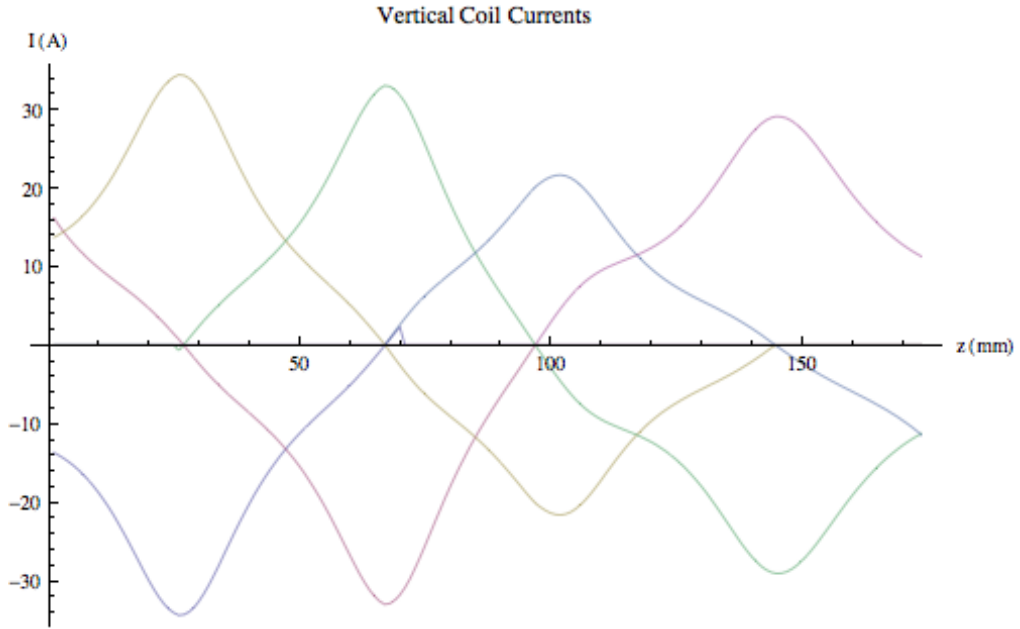


Figure 1: Individual Coil Currents for the Vertical Transport System.

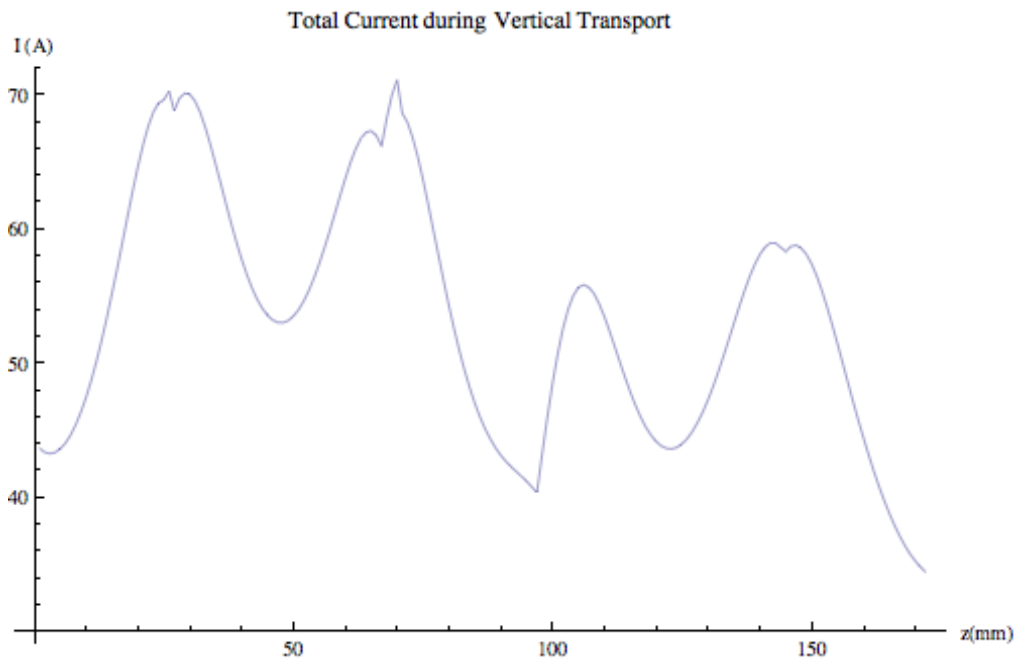


Figure 2: Total Current for the Vertical Transport System.