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Jon Miron's Individual Contribution Page

Spring 2010 Mid-Term Contributions

During this Spring 2010 semester I have been working on the Design Team. Specifically, I have been communicating with members of the chemical doser research team to create an optimum design for the alum chemical stock tanks. I created an algorithm in MathCAD which calculates alum tank dimensions based off user specified inputs (plant flow rate,time between chemical refills, and concentration of chemical doses). Then, I determined the x,y, z coordinates of the stock tank in relation to the plant origin. Lastly, I created an algorithm that draws the two alum storage tanks.