Project Meep Monitor Boundaries W/ Variable Res.

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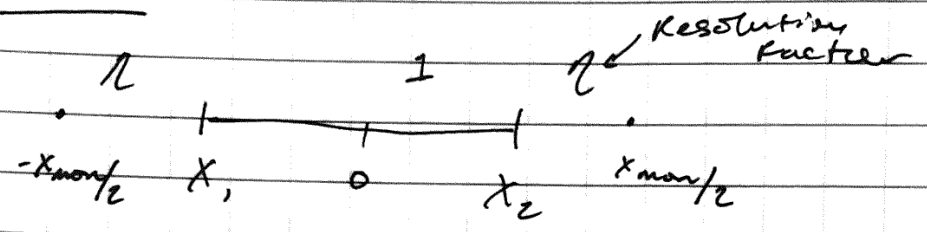

R.S. $\left[\left(\frac{x_{mon}}{2} - x_2\right)\cdot\eta + x_2\right]$ if $\frac{x_{mon}}{2} > x_2$ else $\frac{x_{mon}}{2}$

L.S. $\left[\left(\frac{-x_{mon}}{2} - x_1\right)\cdot\eta + x_1\right]$ if $\frac{-x_{mon}}{2} < x_1$ else $\frac{-x_{mon}}{2}$

I implemented this into the current code. The user can specify the monitor sizes by a ratio of the cell size in each direction. This should drastically reduce needed memory w/out compromising quality of saved data.