



Sat, Jan 4.

## Finished Solution Viewer

I added the capability to compute and plot energy for the solution viewer. This is non trivial because I need to adjust the monodromy, whose location is different than before (for deconfinement, it is 2 vertical lines; for confining string, it is one vertical line). I then merged the branch of solution viewer. I also ran some solution. The solution looks right qualitatively for  $SU(2)$ , but I haven't check it in detail.

## 2 Readings

Another email I missed from Erich that I read only after coming back. The first one is a paper by Misha on the current status of high energy physics. It was a good read: the paper points out the problem with the lack of evidence for theorists to work with, but that as any field matures, this is what is expected and progress will be slow and the theorists should get used to it; on the other hand, the author hopes that the new generation will focus more on the unsolved, observable problems such as dark matter.

The second paper is a draft of the axion paper with my plot. I haven't gotten around to reading it yet.