

1075-53-80

**Bennett Palmer\*** ([palmbenn@isu.edu](mailto:palmbenn@isu.edu)), Dept. of Math., Idaho State University, Pocatello, ID 83209. *Anisotropic Surface Energy*. Preliminary report.

We will discuss equilibrium surfaces for a free boundary problem involving anisotropic surfaces energies. We will also discuss a non-local parabolic flow associated with this problem. (Received August 22, 2011)