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Daniela De Silva*, desilva@math.columbia.edu. *Perturbative estimates for the one-phase Stefan Problem.*

We provide perturbative estimates for the one-phase Stefan free boundary problem. We obtain the regularity of flat free boundaries via a linearization technique in the spirit of the elliptic counterpart we developed in an earlier paper, which has proved very useful in a variety of settings. (Received September 09, 2020)