

MODELING, APPROXIMATION, AND ANALYSIS OF PARTIAL
DIFFERENTIAL EQUATIONS INVOLVING SINGULAR SOURCE
TERMS (MS - ID 39)

**Some remarks on a two phase problem in the
Heisenberg group**

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Abstract: We will discuss about the existence of an Alt-Caffarelli-Friedman
monotonicity formula for a two phase problem associated with a Bernoulli
type functional in the Heisenberg group.