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**Patricia Bauman\*** ([bauman@math.purdue.edu](mailto:bauman@math.purdue.edu)), Purdue University, Dept. of Mathematics, 150 North University Street, W. Lafayette, IN 47907. *Analysis on the Lawrence-Doniach Energy for Layered Superconductors.*

We present an analysis of solutions to minimizers of the Lawrence-Doniach energy for layered superconductors in applied magnetic fields in tangential and nontangential directions. (Received September 26, 2006)