

1125-I1-3041 **Bill Linderman*** (wclinder@king.edu), 1350 King College Rd, Bristol, TN 37620. *A Novel Idea: Teaching Mathematics using Apostolos Doxiadis's Uncle Petros and Goldbach's Conjecture*. Preliminary report.

We discuss how Apostolos Doxiadis's gem of a novel, *Uncle Petros and Goldbach's Conjecture*, can be used as required reading in an upper-level mathematics course as a way to explore several important themes in higher mathematics - the nature of proof, creativity, truth, and obsession. A work of fiction about a mathematical genius, the novel is rich with historical mathematical references and includes cameos by Ramanujan, Gödel, and Turing. (Received September 20, 2016)