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Jiu Ding* (jiudin@gmail.com), Department of Mathematics, 118 College Dr., Box 5045, Hattiesburg, MS 39406, and **Zhao Li**, Department of Mathematics, Fudan University, Shanghai, Peoples Rep of China. *On the absolute minimum of the dimensions of Sierpiński Pedal Triangles.*

It has been proved that the dimension, $\ln 3 / \ln 2$, of the classic Sierpiński Triangle is a strict local minimum of the dimension function for the Sierpiński Pedal Triangles, a family of new fractals that were constructed and studied by Zhang et al. recently. We further investigate the global minimization problem for this dimension function. (Received April 07, 2008)