

1096-35-682

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I will discuss several related isoperimetric inequalities for Sobolev functions which extremize the ratio  $\frac{\|\nabla u\|_{L^2}}{\|u\|_{L^p}}$ , where  $1 \leq p < \frac{2n}{n-2}$ . One of these inequalities generalizes a family of inequalities due to Payne, Chiti, et. al, and another generalizes the classical Schwarz Lemma from complex analysis. Curiously, one inequality has a nice interpretation as a classical isoperimetric inequality for a certain conformally flat metric with singularities. (Received September 09, 2013)