

## ANDERSSON'S INEQUALITY

A. M. FINK

*Abstract.* Andersson's Inequality gives a lower bound for the integral of a product of convex functions in terms of the averages of each factor. We show that this result holds for a wider class of functions and for some signed measures.

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*Key words and phrases:* convex function, Andersson's Inequality, Chebyshev's inequality.

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