

## ON A FUNCTION ASSOCIATED WITH THE GENERALIZED EULER CONSTANT FOR AN ARITHMETIC PROGRESSION

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*Abstract.* The function  $\mathcal{L}(q) = \sum_{p|q} \frac{\log p}{p-1}$  appears in a work by D. H. Lehmer, where he studies a generalization of the Euler constant. In this short note, we obtain lower and upper bounds for  $\mathcal{L}(q)$ .

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### REFERENCES

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