

A RECIPROCAL SUM RELATED TO THE RIEMANN ζ -FUNCTION

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Abstract. This paper, we using the elementary method and several new inequalities to study the computational problem of one kind reciprocal sums related to the Riemann zeta-function at the point s=4, and give an explicit computational formula for it.

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Keywords and phrases: Riemann zeta-function, inequality, function [x], computational formula, elementary method.

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