ASYMPTOTIC EXPANSION OF THE ARITHMETIC–GEOMETRIC MEAN AND RELATED INEQUALITIES

Tomislav Burić and Neven Elezović

Abstract. Asymptotic expansion of the arithmetic-geometric mean is obtained and it is used to analyze inequalities and relations between arithmetic-geometric mean and other classical means.


Keywords and phrases: Arithmetic-geometric mean, asymptotic expansions, asymptotic inequalities.

REFERENCES
