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A NOTE ON CHEBYSHEV SERIES SOLUTION OF THE CRANK-GUPTA EQUATION

DAL, F.

ABSTRACT. A moving boundary problem arising in biomechanical diffusion theory which has previously been investigated by Crank and Gupta (1972) is one of the simplest examples of a moving boundary problem in a partial differential equation; it has been used as a test problem by number of different authors.In this paper ; we show an accurate solution may be obtained by Chebyshev series solution.

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Ege University, Department of Mathematics
E-mail: dal@fenfak.ege.edu.tr