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Radiation Transfer for Exponential c(x)

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Abstract: The emergent flux for radiation transfer in inhomogeneous half-space for exponential $c(x) = 1 + ke^{-mx}/1 + be^{-mx}$ is obtained by using Modified-Eddington method, where m, b, k are constants. As a result of this work, angular flux is obtained in terms of Jacobi polynomials.

Key Words: The emergent flux, Radiation transfer, Modified-Eddington

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