List of Publications

(Published/Accepted/Communicated)

[1] Rajeev, Kushwaha, M. S. and **Kumar, A.** (2013). An approximate solution to a moving boundary problem with space–time fractional derivative in fluvio-deltaic sedimentation process. *Ain Shams Eng. J.,* 4:889-895.

[2] **Kumar, A.,** Singh, A. K. and Rajeev. (2018). A Stefan problem with temperature and time-dependent thermal conductivity. *J. King Saud Uni.-Sci.*, https://doi.org/10.1016/ j.jksus.2018.03.005.

[3] **Kumar, A.,** Singh, A.K. and Rajeev. (2018). A moving boundary problem with variable specific heat and thermal conductivity. *J. King Saud Uni.-Sci.*, doi.org/10.1016/j.jksus.2018.05.028.

[4] Singh, A. K., **Kumar, A.** and Rajeev. (2018). A Stefan problem with variable thermal coefficients and moving phase change material. *J. King Saud Univ. – Sci.*, https://doi.org/10.1016/j.jksus.2018.09.009.

[5] Singh, A. K., **Kumar, A.** and Rajeev. (2018). Exact and approximate solutions of a phase change problem with moving phase change material and variable thermal coefficients. *J. King Saud Univ. – Sci.*,

[6] **Kumar, A.,** Singh, A.K. and Rajeev. A phase change problem including space-dependent latent heat and periodic heat flux. Nonlinear Dynamics and Systems Theory. (Accepted).

[7] **Kumar, A.,** Singh, A.K. and Rajeev. Exact and approximate solutions for a freezing problem having varying thermal coefficients and convective boundary condition. (Communicated).

[8] **Kumar, A.,** Singh, A.K. and Rajeev. Exact solution of a two phase problem including moving phase change material. (Communicated).