## A NUMERICAL ALGORITHM FOR FLUID FLOW IN POROUS MEDIA

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Keywords: fluid flow, nonlinear parabolic equation, iterative scheme

## Abstract

Fluid flow model in porous media is considered. The governing equation is strong nonlinear parabolic differential equation. We develop an efficient algorithm for the numerical solution of the problem. It depends on an iterative scheme that developed recently. We prove the convergence of this scheme. Numerical results demonstrate the efficiency of the algorithm.

**Acknowledgement:** I would like to thank Professor Heike Faßbender for his encourage.

## References

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