

GENERAL MESHES FOR SUBSURFACE MULTI-PHASE FLOWS: FROM METHODS TO APPLICATIONS

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In this talk I overview our research directions in FV discretizations of convection-diffusion equations on general meshes. The main goal of the presentation is to give the concept of our methodology and to list its applications and related computational technologies. For more advanced description of methods, applications, technologies I refer to presentations of I.Kapyrin, K.Nikitin, K.Konshin, K.Terekhov, A.Chernyshenko, K.Novikov, F.Grigoryev.

References

- [1] www.dodo.inm.ras.ru/vassilevski
- [2] www.inmost.org