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L.I. Kuzmina, Yu.V. Osipov, Yu.G. Zheglova. Modelling uniform asymptotics of the filtration problem in a porous medium. IOP Materials Science and Engineering № 456 012051, 2018, pp. 1-6

L.I. Kuzmina, Yu.V. Osipov, Yu.G. Zheglova. Analytical model for deep bed filtration with multiple mechanisms of particle capture. International Journal of Non-linear Mechanics №105, 2018, pp. 242–248

Yu.G. Zheglova. Modelling of particles retention in a porous soil. XXI International Scientific Conference on Advanced in Civil Engineering "Construction - The Formation of Living Environment" (FORM 2018). IOP Conference Series: Materials Science and Engineering. P. 8303.