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**Neutron-deuteron scattering in configuration space** VLADIMIR SUSLOV, MIKHAIL BRAUN, BRANISLAV VLAHOVIC, North Carolina Central University, Durham NC, 27707 — A new computational method for solving the configuration-space Faddeev equations for the breakup scattering problem [1] has been applied to consider *nd* scattering both below and above two-body threshold. To perform numeric calculations for arbitrary nuclear potential and with arbitrary number of partial waves retained, we use approach proposed in [2]. The calculations of the inelasticity and phase-shift, as well the breakup amplitudes for *nd* scattering for various lab energies were performed with the charge independent AV14 potential. The results are compared with those of Bochum and Pisa group [3]. 1. V.M. Suslov and B. Vlahovic, Phys. Rev. C **69**, 044003 (2004). 2. S.P. Merkuriev, C. Gignoux and A. Laverne, Ann. Phys. **99**, 30 (1976). 3. W. Glöckle, H. Witala, D. Hüber, H. Kamada, J. Golak, Physics Report, **274**, 107 (1996).

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