

Tasks and methodical recommendations for the DSWT

Implementation Schedule for the DSWT:

№	Tasks for the DSWT*	Implementation form for the SSW	Terms of the DSWT** (academic week)
1	Representation theory	Report	3
2	The operators associated with the scattering matrix	Report	5
3	Translational representation for the solution of the wave equation in free space	Report	7
4	Generalization of the normalization and perturbation theory for quasistationary states	Report	9
5	Energy dependence of the scattering cross section near the threshold of reactions. Generalization to the case of particles with spin	Report	11
6	Asymptotics of the wave function at large distances	Report	13
7	Properties of highly excited levels in the Coulomb field.	Report	15