

ABSTRACT. Symplectic knot spaces are the spaces of symplectic subspaces in a symplectic manifold  $M$ . We introduce a symplectic structure and show that the structure can be also obtained by the symplectic quotient method. We explain the correspondence between coisotropic submanifolds in  $M$  and Lagrangians in the symplectic knot space. We also define an almost complex structure on the symplectic knot space, and study the correspondence between almost complex submanifolds in  $M$  and holomorphic curves in the symplectic knot space.