1092-06-108   **Yuri Movsisyan*** (`yurimovsisyan@yahoo.com`), 0025 Yerevan, Armenia. *Super-Boolean Functions and Free Boolean Quasilattices.*

A Boolean quasilattice is an algebra with hyperidentities of the variety of Boolean algebras. In this talk we give a functional representation of the free n-generated Boolean quasilattice with two binary, one unary and two nullary operations. Namely, we define the concept of super-Boolean function and prove that the free Boolean quasilattice with two binary, one unary and two nullary operations on n free generators is isomorphic to the Boolean quasilattice of super-Boolean functions of n variables. (Received August 03, 2013)