1125-46-796   **Piotr M. Sołtan*** (`piotr.soltan@fuw.edu.pl`). *Integrability of Homomorphisms of Locally Compact Qauntum Groups.*

I will explain what is meant by a homomorphism of locally compact quantum groups. One way of expressing this concept is through a certain king of action of one locally compact quantum group on another. I will present some results characterizing integrability of such an action and its relation to closed quantum subgroups. (Received September 12, 2016)