1099-81-220   **Israel Michael Sigal*** (`im.sigal@utoronto.ca`). *On the Hartree-Fock-Bogolubov and Bogolubov-de Gennes equations.* Preliminary report.

In this talk I will describe recent results on the mathematical origin and properties of the Hartree-Fock-Bogolubov and Bogolubov-de Gennes equations appearing in the theories of Bose-Einstein condensation and superconductivity. (Received February 09, 2014)