This bachelor thesis deals with the description of cryptographic and cryptanalytic methods during the First and Second World Wars and related historical circumstances. The introduction briefly describes the development of cryptology prior to WWI. The first major chapter examines the application of cryptology during WWI. The next chapter concisely bridges the interwar period, and then focuses on WWII cryptology. The Ultra programme and the problem of Enigma machine is analyzed here in detail. The final chapter is a dedicated to the aftermath of WWII cryptographic efforts in the form of papers by Claude E. Shannon.