

1035-01-717

**Sang-Gu Lee\*** (sglee@skku.edu), Department of Mathematics, Sungkyunkwan University, Suwon, 440-746, South Korea, **Jihwa Noh**, Department of Mathematics, University of Northern Iowa, Cedar Falls, IA 50614, and **Sung-Yell Song Song**, Department of Mathematics, Iowa State University, Ames, IA 50011. *Development of Korean Mathematics in the late 19th and early 20th Centuries*. Preliminary report.

The purpose of this study is to examine obstacles to progress for 20th century Korean mathematics. In 1945, shortly after Korea was liberated from Japan, there were no Korean mathematics Ph.D. holders, less than ten bachelor degree holders, and only one person with a master's degree in mathematics. Korea had to overcome such an unforgiving condition and rebuild quality education programs in higher mathematics over the last several decades. These debilitating circumstances in higher mathematics were considerable obstacles in developing a higher level of mathematical research for the main stream of 20th century world mathematics. (Received September 14, 2007)