1056-15-1162 **Duk-Sun Kim*** (`mass@skku.edu`), Department of Mathematics, Chun-Chun Dong 300, Jang-An Gu, Suwon City, Kyoung-Ki Do., Suwon, Kyoung-Ki 440-746, South Korea, and **Sang-Gu Lee** (`sglee@skku.edu`), Sungkyunkwan University, Chun-Chun Dong 300, Jang-An Gu, Suwon City, Kyoung-Ki Do., Suwon, Kyoung-Ki 440-746, South Korea. *An analysis of the singular values from the binary information with its preserver and patternization.*

Singular values have represented important properties in the image and sound data. Those values can be used to find a method to determine some patterns in the given image and sound data. In this talk, we introduce how we can determine the difference of the binary data from multimedia resources, singular value decomposition(SVD) plays an important role in this signal processing. (Received September 21, 2009)