

## 58. A Study on Benchmark of Wave Propagation Model

해양공학과 차 경 희  
지도교수 김 재 수

A sound wave in the water is playing an important part in the industrial and the military division. Particularly transmission loss which is used to transmission loss using numerical techniques were developed to interpret the sound wave passed by various forms in the ocean. Models ensured for benchmark are OASES of wave number integration method, KRAKENC of normal mode method and RAM of parabolic equation, and found out usable extent of frequency by the method of intermodel comparison in the range independent environment and used comparison method of benchmark ocean to evaluate KRAKENC model in the range dependence environment.

