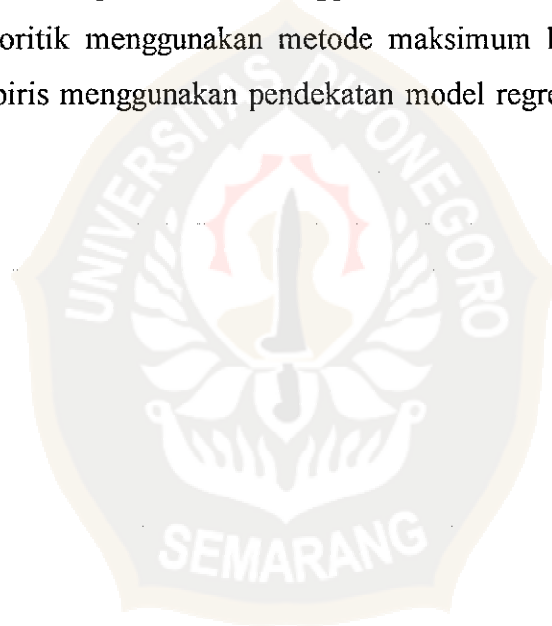


ABSTRAK

Distribusi probabilitas gelombang laut diperlukan untuk mengetahui probabilitas terjadinya suatu tinggi gelombang laut. Analisis distribusi probabilitas gelombang laut menggunakan distribusi Weibull 3, Weibull 2, Fisher 1 dan Fisher 3. Distribusi probabilitas gelombang laut yang paling representatif ditentukan berdasarkan uji Kolmogorov-Smirnov berdasarkan data observasi. Estimasi parameter dari distribusi probabilitas menggunakan metode teoritik dan empiris, dimana metode teoritik menggunakan metode maksimum likelihood sedangkan dalam metode empiris menggunakan pendekatan model regresi linier berdasarkan data observasi.



ABSTRACT

Sea wave probability distribution is needed to find sea waveheight probability. Analyzing of the sea wave probability distributions use Weibull 3, Weibull 2, Fisher 1 and Fisher 3 distributions. The most representative sea wave probability distribution is determined based on the Kolmogorov-Smirnov test toward the measured data set. Estimation parameter from probability distributions use theoretical and empirical methods, where theoretical method based on the Maximum Likelihood Estimators while in the empirical method based on approximate linear regression model toward the measured data set.

