

## ABSTRAK

Densitas entropi maksimum adalah distribusi peluang diskrit dan kontinu yang diestimasi dengan metode entropi maksimum. Agar fungsi densitas suatu variabel random  $X$  dapat diestimasi maka nilai harapan dari fungsi tertentu variabel random  $X$  harus diketahui. Akan ditentukan fungsi densitas variabel random diskrit ,yaitu  $p_{0i} = \gamma e^{\lambda g(x_i)}$  dan fungsi densitas variabel random kontinu, yaitu  $f_0(x) = \gamma e^{\lambda g(x)}$ .

## ABSTRACT

Maximum entropy density is probability distributions both discrete and continu which estimated by maximum entropy method. In order for densities of random variables to be estimated, the expetation value from certain function of random variable  $X$  must be known. The density function of discrete and continu random variable will be determined by  $p_{0i} = \gamma e^{\lambda \cdot g(x_i)}$  and  $f_0(x) = \gamma e^{\lambda \cdot g(x)}$ , respectively.