CHAPTER 4

CONCLUSION

In this research we used the method of T-convolution of $e^{\alpha t}\delta_T^{(k)}(t)$ with period T for $0 \leq t < T$ to find the solution $I(t)$ of simple circuit network. It was found that the current $I(t)$ depend on the derivative of δ_T. For $m = 0$, the current $I(t)$ is an ordinary periodic function. That is $I(t)$ flow continuously on the period T. For $m \geq 1$, the current $I(t)$ is the periodic distribution in the space $\mathcal{P}'_T$, that mean is flow not continuously on the period T.