

## **SYSTEM DESIGN OF TRAFFIC LIGHTS AT SETTING TWO INTERSECTIONS FOUR PROCEDURES WITH THE INTERRUPTION TECHNIQUE**

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Tesis, Computer Technic, 2000

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Keywords: Traffic Lights, Interruption Technic

### **Abstract:**

Along with the development of computer technology that utilizes digital signals in conducting its activities, many researchers tried to apply with other electronic devices mengapliaskannya with other electronic devices are not digital. Computers can be widely used or common regulatory tools such as traffic lights, much used at the junction of main roads or highways whose main function is to avoid congestion and traffic accidents. Generally cause traffic jams that often occur due to traffic accidents, not vice versa. But in recent years, along with rapid economic development, then most of the roads in big cities in Indonesia are not able to accommodate passing vehicles, causing traffic jams. Accidents that may result in loss of life when congestion occurs on the very small probability. But not so when the jam is located at the intersection between two intersections, and there are railway crossing which is road transport which have a higher priority of other land transport. Therefore it needs to make extra functions on the traffic control devices already exist. These additional functions can be derived from the input signal-post guardhouse railway crossing when the signal is coming, then the traffic light on the jammed roads covering the railroads will be conditioned green. The duration of the green conditions can be tailored to the needs, at least not block traffic to rail, so trains can pass safely. This alternative is at least able to reduce traffic accidents that cause loss of material and the soul group should train with other ground transportation.

Bibliography : 10 ( 1979 – 1995 )