

Erlang's B & C-Formulas: Determining Optimal Number of Organs

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Abstract — This paper summarizes the work performed to study Poisson distribution model, Erlang distribution model and constraints of dimensioning a network related to these models. These studies paper also describe the planning tool of a network based on the models considered. These studies have let us to the development of a tool for planning network which also highlighted the limits of the use of the rule of Rigault.

Keywords – Erlang; Rigault; Traffic; Network; Dimensioning.



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