Module 4

Sunday, 12 May 2024 7:18 PM

Pure Aloha:

Vulnerable Time =
$$2 \times T_{fr}$$

Throughput $S = G_1 \times e^{-2G_1} \xrightarrow{FPS_1}$
Throughput when $G = G_1$

and Maximum throughput when G = 1: $S_{max} = 0.184$

Stotled Alona:

and Marimum Throughput when 61=1: Smare = 0.368

CSMA:

CSMA / CA:

