

Tutorial - V

Joint and Conditional Entropy

Date & Time: 30.08.2024 (Friday, 5th Hour)

1. A discrete source transmits message x_1 , x_2 , and x_3 with the probabilities 0.3, 0.4, 0.3. The source is connected to the channel as given in Fig. 1. Calculate all the entropies.

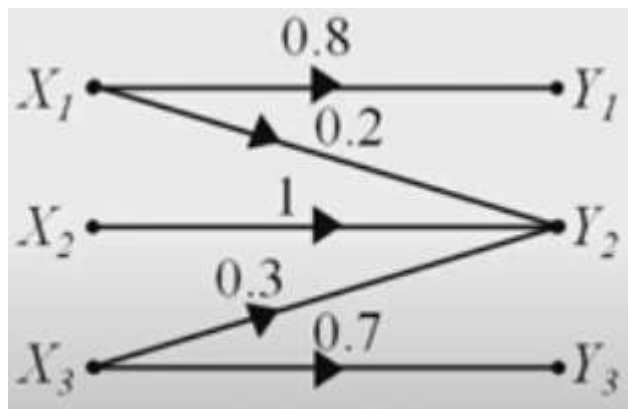


Fig. 1. Conditional Probability Matrix
