**INDEX**

|  |  |  |
| --- | --- | --- |
| **SL** | **Name of the Experiment** | **Page No.** |
|  | Explain and implementation of Huffman code. |  |
|  | Explain and implementation of convolution coding. |  |
|  | Explain and implementation of Lempel-Ziv Code. |  |
|  | Explain and Implementation of Hamming Code. |  |
|  | A binary symmetric channel has the following noise matrix with probability. |  |
|  | Check optimality of Huffman code. |  |
|  | Numerical based on conditional Entropy and Joint Entropy. |  |
|  | Explain entropy rate of a random work on weighted graph. |  |