

$$x \quad \Pr_{Y|X}(y|x) \quad y \qquad \qquad x \quad \Pr_{Y|X}(y|x) \quad y \qquad \qquad Z \qquad \qquad X \qquad \qquad Y \qquad \qquad X \qquad \qquad Y \qquad \qquad X \qquad \qquad Y \qquad Y \qquad \qquad Y \qquad$$

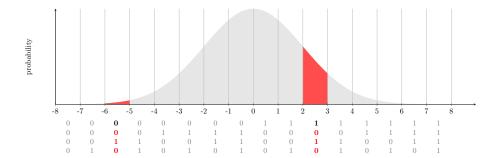


Figure 1: (Color online) The binary outputs of a 4-level quantizer. The top row denotes the most significant bits and the lowest row represents the least significant bit. Individually each row can be considered as a source with equiprobable binary outputs. But knowing the correct values of low significant bits give information about the most significant bit.

