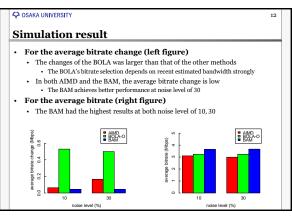


 The noise follows a normal distribution having an average of zero and standard deviation of *l_{noise}* (%) of each average value





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Summary and future work

• Summary

We focused on the cognitive model of a human's brain, the Bayesian attractor model (BAM)

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- model (KAN)
 With the BAM, we proposed a method that recognizes the video player's condition and selects an appropriate video bitrate
 Our computer simulation shows that our proposed method can perform appropriate bitrate control
 Even in the situation where network available bandwidth greatly fluctuates

Future work

- Implement our proposed method in an actual video streaming application
 Reflect a user's preference for video quality in bitrate selection
 Using feedback signal from EEG (Electroencephalogram), our method realizes bitrate selection according to a user's preference