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Type: **Student Talk**

Robustly Safe Bayesian Optimization

Tuesday, February 6, 2024 9:50 AM (20 minutes)

Safety guarantees for Gaussian processes require the assumption that the true hyperparameters are known. However, this assumption usually does not hold in practice. In this talk, a method is introduced to overcome this issue which estimates confidence intervals of hyperparameters from their posterior distributions. Finally, it can be shown that via appropriate scaling safeness can be robustly guaranteed with high probability.

Possible contributed talk

No

Are you a student?

Yes

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