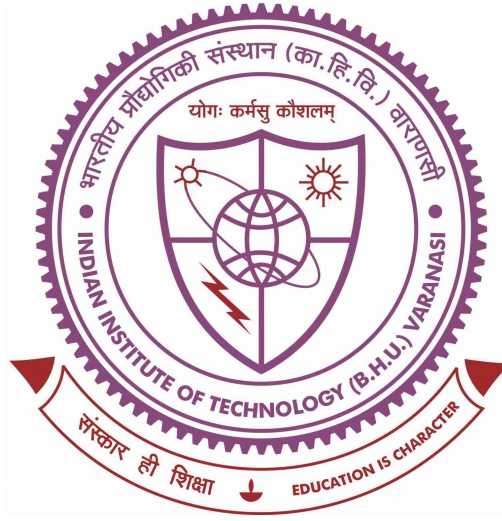


Policy Gradient Reinforcement Learning for Ranking in Search and Recommender Systems



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by

VAIBHAV PADHYE

DEPARTMENT OF COMPUTER SCIENCE

INDIAN INSTITUTE OF TECHNOLOGY(BHU)

VARANASI 221 005

ROLL NUMBER

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