

Dr. Sasi Gopalan - Research Area

Dr. Sasi Gopalan works on combining traditional mathematics with modern technologies like artificial intelligence and machine learning. He uses ideas from approximation theory, fuzzy logic, and fractional calculus to solve real-world problems in areas such as image and signal processing, data analysis, traffic management, and neural networks.

His research helps make AI models more accurate, reliable, and easier to understand. He also develops mathematical tools to handle uncertainty and complex data, which are common in today's big data and machine learning tasks. Through his work, he connects deep mathematical theory with practical applications, and he also mentors students and researchers to explore these exciting areas.