DISTINGUISHED LECTURE SERIES 2024/25

THE HIDDEN TRUTHS OF PRINCIPAL COMPONENT ANALYSIS

18 OCT 2024 (FRI)
4:30–5:30 PM (HKT)

Dr. & Mrs. Hung Hin-shiu Lecture Theatre (SCM012),
Baptist University Road Campus, HKBU

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Abstract:

Many students in computer science, engineering, and data science are familiar with principal component analysis (PCA) as a tool for dimension reduction or data visualization. But what if that's only scratching the surface? PCA's true power lies in its ability to untangle complex variations in data and reveal meaningful patterns that are often overlooked. In this talk, we'll dive into some unexpected and powerful applications of PCA, uncovering its potential and reshaping the way you think about this fundamental technique.

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Speaker's Biography

Event Registration