

学术报告

Sentiment Analysis of Text

王兆霞 教授



新加坡科技局高性能计算研究所计算科学部和社会认知计算部科学家，大数据分析 and 社交媒体分析项目总负责人。其研究领域包括电力系统、环境科学、地球科学、图像处理、社交媒体。

报告时间： 2017年11月19日 下午 4:30-5:30

报告地点： 天津大学 6 号楼 108 教室

报告摘要： With the advent of the Internet, more and more people prefer to post their feedback, reviews, and opinions through the social media platform, such as facebook, twitter, Chinese Weibo, and so on. Sentiment analysis of such data is becoming a fast and effective way of evaluating public opinion and sentiment for addressing practical problems, such as predicting consumer preferences or sensing public emotions towards some products, services or issues. In addition, the current robots developed still cannot truly understand human languages. Therefore, the motivation of this research is two folds: (i) To Realize Human Like Real-World Deep Language Understanding of Text; and (ii) To Develop Human Like Brand New AI Technologies for Big Data Analysis. As the first step, the presenter will introduce sentiment analysis of text comments, which includes learning based, non-learning based and hybrid methods. For learning based methods, different enhancements, such as feature selection, negation dealing, and emoticon handling are studied to improve the performance of existing machine-learning methods; for non-learning based methods or hybrid methods, a series of patentable technologies are proposed to address the limitations of the existing methods.

欢迎大家参加！