

基于 BERT 的文本情感分析处理

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摘 要：本文主要介绍小区智能化的基础是其通信网络，.....

关键词：情感分析，机器学习，情感词典，Attention 机制，LSTM 模型，BERT 模型

评阅人评语：该方案对智能小区的信息网络系统作了全面的设计规划。..... 是一个完整、可行、实用、先进的方案。(评阅人：万频副教授)

1 通信网络平台选择

构建小区通信网络平台，要考虑网络提供综合信息与资讯服务的能力，网络的先进性、扩展性、性价比以及开发商（用户）对投资费用的承受能力。.....

2 小区网络子系统构成

2.1 系统原理

基于 HFC 的智能化住宅小区信息传输网络如图 1 所示，.....

2.1.1 对家庭用户，用户 PC 通过 10/100BASE-T 自适应以太网接口直接连接 CM，实现上行 10Mbps，下行 36Mbps 传输速率的宽带接入.....

2.1.2 对小型企业用户.....

参考文献

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Text Sentiment Analysis Based on BERT Model

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Abstract: The article mostly introduced that the base of the intelligent small area is it's communication network, and expounded the design of the intelligent small.....

Key words: Sentiment Analysis, Machine Learning, Sentiment Dictionary, Attention Mechanism, LSTM model, BERT model

1 communication network platform selection

To construct the community communication network platform, we should consider the ability of the network to provide comprehensive information and information service, the advanced, expansibility, cost performance and the ability of the developer (user) to bear the investment cost. . .

2 cell network subsystem composition

2.1 system principle

The intelligent residential community information transmission network based on HFC is shown in figure 1. . .

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- 2.1.1 for home users, the user PC directly connects to CM through 10/100base-t adaptive Ethernet interface, realizing broadband access of 10Mbps upstream and 36Mbps downstream. . .
- 2.1.2 for small business users. . .