File name: FID-005.txt

Result: PLAGIARISM DETECTED

Plagiarism percentage: 94%

Most similar document(s):

org-059.txt with similarity: 79.0%

Text to analyze:

This paper firstly researches English text emotion expression and information communication, classifies English text emotion expression and information communication according to the human emotion-value relationship, and summarizes the characteristics of English emotion expression and information communication.Secondly, using artificial intelligence technology, it is proposed to construct an analysis model for English text emotion and information communication using the BiLSTM neural network.The remaining challenges and corresponding opportunities in FER and the future directions for designing robust deep FER systems are also pinpointed.To deal with the characteristics of English text quickly and efficiently, it is necessary to encode the emotional information of English text, and based on encoding, the BiLSTM neural network is applied to extract the emotional features of English text and solve the problem of the loss of emotional features through the loss function.Then, a comprehensive review of FER methods is introduced, including the basic principles of FER (components such as preprocessing, feature extraction and classification, and methods, etc.)from the pro-deep learning era (traditional methods using handcrafted features, i.e., SVM and HOG, etc.)to the deep learning era.The results show that compared with the original CNN, LSTM, and T-LSTM, the BiLSTM-based neural network performs better in the task of text emotion expression and information conveyance, with the accuracy rate staying above 0.925, and the effect on the English dataset is a bit better than that on the Chinese dataset.This study aims to enhance English teaching and communication between Chinese and foreign cultures.

Sentence analysis:

Plagiarized sentence (file FID-005.txt):
'This paper firstly researches English text emotion expression and information communication, classifies English text emotion expression and information communication according to the human emotion-value relationship, and summarizes the characteristics of English emotion expression and information communication.'
Original sentence (file org-059.txt):
'This paper firstly researches English text emotion expression and information communication, classifies English text emotion expression and information communication according to the human emotion-value relationship, and summarizes the characteristics of English emotion expression and information communication.'

Plagiarized sentence (file FID-005.txt):
'Secondly, using artificial intelligence technology, it is proposed to construct an analysis model for English text emotion and information communication using the BiLSTM neural network.'
Original sentence (file org-059.txt):
'Secondly, using artificial intelligence technology, it is proposed to construct an analysis model for English text emotion and information communication using the BiLSTM neural network.'

Plagiarized sentence (file FID-005.txt):
'The remaining challenges and corresponding opportunities in FER and the future directions for designing robust deep FER systems are also pinpointed.'
Original sentence (file org-023.txt):
'The remaining challenges and corresponding opportunities in FER and the future directions for designing robust deep FER systems are also pinpointed.'

Plagiarized sentence (file FID-005.txt):
'To deal with the characteristics of English text quickly and efficiently, it is necessary to encode the emotional information of English text, and based on encoding, the BiLSTM neural network is applied to extract the emotional features of English text and solve the problem of the loss of emotional features through the loss function.'
Original sentence (file org-059.txt):
'To deal with the characteristics of English text quickly and efficiently, it is necessary to encode the emotional information of English text, and based on encoding, the BiLSTM neural network is applied to extract the emotional features of English text and solve the problem of the loss of emotional features through the loss function.'

Plagiarized sentence (file FID-005.txt):

'Then, a comprehensive review of FER methods is introduced, including the basic principles of FER (components such as preprocessing, feature extraction and classification, and methods, etc.)'
Original sentence (file org-023.txt):
'Then, a comprehensive review of FER methods is introduced, including the basic principles of FER (components such as preprocessing, feature extraction and classification, and methods, etc.)'

Plagiarized sentence (file FID-005.txt):
'from the pro-deep learning era (traditional methods using handcrafted features, i.e., SVM and HOG, etc.)'
Original sentence (file org-024.txt):
'from the pro-deep learning era (traditional methods using handcrafted features, i.e., SVM and HOG, etc.)'

Plagiarized sentence (file FID-005.txt):
'to the deep learning era.'
Original sentence (file org-024.txt):
'to the deep learning era.'

Plagiarized sentence (file FID-005.txt):
'The results show that compared with the original CNN, LSTM, and T-LSTM, the BiLSTM-based neural network performs better in the task of text emotion expression and information conveyance, with the accuracy rate staying above 0.925, and the effect on the English dataset is a bit better than that on the Chinese dataset.'
Original sentence (file org-059.txt):
'The results show that compared with the original CNN, LSTM, and T-LSTM, the BiLSTM-based neural network performs better in the task of text emotion expression and information conveyance, with the accuracy rate staying above 0.925, and the effect on the English dataset is a bit better than that on the Chinese dataset.'

Plagiarized sentence (file FID-005.txt):
'This study aims to enhance English teaching and communication between Chinese and foreign cultures.'
Original sentence (file org-059.txt):
'This study aims to enhance English teaching and communication between Chinese and foreign cultures.'