Coal Analysis Based on Visible-Infrared Spectroscopy and a Deep Neural Network

Ba Tuan Le, Dong Xiao, Yachun Mao, Dakuo He

PII: S1350-4495(18)30354-2
DOI: https://doi.org/10.1016/j.infrared.2018.07.013
Reference: INFPHY 2627

To appear in: *Infrared Physics & Technology*

Received Date: 25 May 2018
Revised Date: 10 July 2018
Accepted Date: 10 July 2018

Please cite this article as: B. Tuan Le, D. Xiao, Y. Mao, D. He, Coal Analysis Based on Visible-Infrared Spectroscopy and a Deep Neural Network, *Infrared Physics & Technology* (2018), doi: https://doi.org/10.1016/j.infrared.2018.07.013

Coal Analysis Based on Visible-Infrared Spectroscopy and a Deep Neural Network

Ba Tuan Le[a,b], Dong Xiao[a]*, Yachun Mao[c], Dakuo He[a]

[a]*Information Science and Engineering School, Northeastern University, 110004, Shenyang, China*

[b]*Control Technology College, Le Quy Don Technical University, 100000, Hanoi, Vietnam*

[c]*Key Laboratory of Ministry of Education on Safe Mining of Deep Metal Mines, Northeastern University, 110819, Shenyang, China*

***Corresponding author**: Dong Xiao, Tel.: +86-13332425251, Email: xiaodong@ise.neu.edu.cn