Theme Lecture 16

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Theme Lecture Title

Failure Law of Surrounding Rock of Rectangular Crossheading at Fully-Mechanized Caving Face in Deep Thick Coal Seams and Its Repair Support Technology



Professor Jian-xi Ren earned a bachelor's degree in civil engineering from Xi'an Institute of Mining in China and a doctorate in geotechnical engineering from the Wuhan Institute of Rock and Soil Mechanics of Chinese Academy of Sciences in China. He is a Vice Dean of School of Architecture and Civil Engineering, Xi'an University of Science and Technology. He was born in 1968. He has won one first prize, four second prizes, one third prize from Provincial Awards of Advancement on Science and Technology. He has published 100 research papers, 3 monographs and 3 textbooks. Out of these papers, there are 3 papers retrieved by SCI,18 papers by EI. His research majors are supporting technology of surrounding sock of coal mine road, the rock damage mechanics and the real-in-time CT testing of rock meso-damage characteristics.