

عنوان مقاله:

Using Non Orthogonal Multiple Access for transport layer in 5G networks

محل انتشار:

چهارمین کنفرانس ملی و دومین کنفرانس بین المللی پژوهش های کاربردی در مهندسی برق، مکانیک و مکاترونیک (سال: 1395)

تعداد صفحات اصل مقاله: 11

نویسندگان:

Pedram Hajipour - *Ph.D student at Department of Electrical Engineering, Yadegar-emam Khomeini branch, Islamic Azad University, Tehran, Iran*

Amir reza Momen - *Faculty member of Department of Electrical Engineering, Yadegar-emam Khomeini branch, Islamic Azad University, Tehran, Iran*

Ali Shahzadi - *Faculty member of Department of Electrical Engineering, Yadegar-emam Khomeini branch, Islamic Azad University, Tehran, Iran*

خلاصه مقاله:

Interference problem for 5G mobile networks which have many users and base stations in multi cells is very important, in this way self-interference cancellation solution is added to interference reduction of optimization problem. A new interference cancellation method is an important factor of 5G mobile communication, which leads a large extent of the achievable rate to the 5G mobile network. The self-interference cancellation with non-orthogonal multiple access is the novel method of 5G mobile network. This paper mainly analysis and simulation the achievable rate and coverage probability of the 5G networks, also by taking the limits of signal to noise ratio and the probability access in receiver user. Also, path loss exponent factor which standard in 5G requirement is into the consideration

کلمات کلیدی:

Fifth generation, Non orthogonal multiple access, Interference and Mobile network

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/626340>

