**الاسم على الكوكل سكولر**

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| Marwah Abdulrazzaq Naser |

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| ▼ الاتجاهات البحثيةWireless communication systems, signal processing, image processing, and mobile networks. |

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| ▼ الدرجة العلميةمدرس مساعد |
| ▼ الكتب والمؤلفات**Journal Publications*** Abdul-Hadi, A. M., Naser, M. A., Alsabah, M., Abdulhussain, S. H., & Mahmmod, B. M. (2022). Performance evaluation of frequency division duplex (FDD) massive multiple input multiple output (MIMO) under different correlation models. *PeerJ Computer Science*, *8*, e1017.
* Alsabah, M., Naser, M. A., Mahmmod, B. M., & Abdulhussain, S. H. (2022). A Computationally Efficient Gradient Algorithm for Downlink Training Sequence Optimization in FDD Massive MIMO Systems. *Network*, *2*(2), 329-349.
* Alsabah, M., Naser, M. A., Mahmmod, B. M., Abdulhussain, S. H., Eissa, M. R., Al-Baidhani, A., ... & Hashim, F. (2021). 6G wireless communications networks: A comprehensive survey. *IEEE Access*, *9*, 148191-148243.
* Naser, M. A., Salman, M. I., & Alsabah, M. (2021). The role of correlation in the performance of massive MIMO systems. *Applied System Innovation*, *4*(3), 54. Al-Utaibi, K. A., Abdulhussain, S. H., Mahmmod, B. M., Naser, M. A., Alsabah, M., & Sait, S. M. (2021). Reliable recurrence algorithm for high-order Krawtchouk polynomials. *Entropy*, *23*(9), 1162.
* Al-Utaibi, K. A., Abdulhussain, S. H., Mahmmod, B. M., Naser, M. A., Alsabah, M., & Sait, S. M. (2021). Reliable recurrence algorithm for high-order Krawtchouk polynomials. *Entropy*, *23*(9), 1162.
* Abdulhussain, S. H., Mahmmod, B. M., Naser, M. A., Alsabah, M. Q., Ali, R., & Al-Haddad, S. A. R. (2021). A robust handwritten numeral recognition using hybrid orthogonal polynomials and moments. *Sensors*, *21*(6), 1999.
* Alsabah, M., Naser, M. A., Mahmmod, B. M., Noordin, N. K., & Abdulhussain, S. H. (2021). Sum rate maximization versus MSE minimization in FDD massive MIMO systems with short coherence time. *IEEE Access*, *9*, 108793-108808.
* Naser, M. A., Alsabah, M. Q., & Taher, M. A. (2021). A partial CSI estimation approach for downlink FDD massive-MIMO system with different base transceiver station topologies. *Wireless Personal Communications*, *119*(4), 3609-3630.
* Naser, M. A., Alsabah, M., Mahmmod, B. M., Noordin, N. K., Abdulhussain, S. H., & Baker, T. (2020). Downlink training design for FDD massive MIMO systems in the presence of colored noise. *Electronics*, *9*(12), 2155.

**Conference Publications*** Mahmmod, B. M., Abdulhussain, S. H., Naser, M. A., Alsabah, M., & Mustafina, J. (2021, March). Speech enhancement algorithm based on a hybrid estimator. In *IOP Conference Series: Materials Science and Engineering* (Vol. 1090, No. 1, p. 012102). IOP Publishing.
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| ▼ رسائل الماجستير الذي اشرف عليها |
| ▼ اطاريح الدكتوراه الذي اشرف عليها*
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