

نموذج السيرة الذاتية

1. الاسم الثلاثي واللقب: بثينة موسى عمران الصباغ
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 4. الدرجة العلمية: مدرس
 5. البحوث المنشورة: 10
- Implementation of Root Finding Algorithm of Minimum Phase Filter Using VHDL
 - Wider Bandwidth in LTE-A System Using Carrier Aggregation.
 - Peak-to-Average Power Reduction Using Repeated Frequency Domain Filtering and Clipping in OFDM.
 - PAPR Reduction in LTE Down Link using a Hybrid Repeated Clipping and SQR T Companding.
 - Spectrally Efficient Frequency Division Multiplexing in LTE Downlink.
 - Performance of Energy Detector for Cognitive Radio System over AWGN and Rayleigh Channel.
 - BER Performance for Joint Transmission CoMP with SFBC Algorithm.
 - Pilot Based Channel Estimation and Synchronization in OFDM System
 - Appraise LTE Data Transmission through Polar Code
 - OFDM PAPR reduction for image transmission using improved tone reservation
6. الاتجاهات البحثية: Digital Communication-DSP
 7. كتب ومؤلفات:
- Improvement Techniques for Satellite Digital Video Broadcasting Using OFDM, Ph.D Thesis in electronics & communication engineering.
 - Blind Equalizer in HF Radio channel, Msc. Thesis in Modern Communication.
8. رسائل الماجستير التي اشرف عليها:
- Testing of MC-CDMA Using TEQ and Minimum Phase Filter. عبد الرحمن خضر عباس
 - DSP Based Implementation of Radio Transceiver. ايلاف علي
 - Flexible Spectrum Usage in LTE-A. رنا محمد خماس

- PAPR Reduction in OFDM. زينب سعد هادي
- Evaluation and TSM Implementation of SEFDM System in LTE Down Link. هاجر سعد رضا
- Evaluation of Spectrum Sensing Methods in Cognitive Radio System. اية فلاح
- Interference Management and Suppression in LTE-A. مريم كريم نور
- Pilot optimization in OFDM system. محمود محمد سعيد
- Evaluation of polar code in LTE نور قدوري مكحول