Applied Engineering: Electronics-ICT (Master Test) Tim Van Overtveldt Peter De Cauwer



WORK IN PROGRESS

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We went over research topics in more detail to test certain situations that influence the RSSI like orientation (radiation pattern), density (anchor and blind nodes), transmission power, frequency channel and different antennas.

We discussed the possibility of using the absolute mean error or the relative mean error.

Tim did some more research about calibration and algorithms: improving ranging by updating the log distance path model. This needs to be implemented.

Peter implemented the interface with Scala, this needs follow up.