



Guillermo Wenceslao Zarate Segura

Education

2008–2013 **Bachelor of Science, Physics**, National University of Engineering, Faculty of Science. Lima.

Experience/ Investigations

2012–2013 **Research in Electromagnetics Fields/ Propagation**, *Advisor: OCHOA, ROSENDO*, I take two topics, one is to understand the electromagnetics fields using tensors. Then, using the D'Alambert operator and Gren's functions to the problem. Later, Using the retarded potential and Hertz vectors to develop the study of propagation from a linear source (antenna).,

2013–Present **Research in Electromagnetics Fields/Material Medium**, *Advisor: OCHOA, ROSENDO*, My investigations were focused in electromagnetics wave in diferent medium(conductors and insulator). The D'Alambert operator is modified by one term. Then, I'll do an aproximation for that equation using Green's functions.,

Interests/ hobbies

- Phycsis: Basically all topics related to electromagnetic fields and their applications
- Tecnology: I always fascinating with the new pc, microprocesors, video cards, etc. I totally think that I am a geek.
- Social: I like to spend my time walking and talking with my friends.