Contribution ID: **50**   Type: **not specified**

Foldy-Wouthuysen transformation for a non-Hermitian Hamiltonian

Tuesday, 2 December 2014 18:50 (30 minutes)

I will show the consistency of a non-Hermitian Lagrangian describing free fermions, and perform the Foldy-Wouthuysen transformation in order to map the Hamiltonian on a Hermitian one.

Primary author: ALEXANDRE, Jean (King's College London)

Co-author: BENDER, Carl (W)

Presenter: ALEXANDRE, Jean (King's College London)

Session Classification: Parallel 3: PT symmetric quantum theory