



istanbul matematiksel bilimler merkezi
istanbul center for mathematical sciences

BOĞAZIÇI UNIVERSITY QFT LECTURE MEETINGS

SCATTERING THEORY

Tonguç Rador

Boğaziçi University

Topics

Review of time dependent perturbation theory in quantum mechanics. The concept of "In" and "Out" states and the action of the Poincaré group on them. The S -matrix and its symmetries.

General References

Weinberg S., The Quantum Theory of Fields, Volume 1.

Brown L.S., Quantum Field Theory.

Date : Friday, October 19, 2012

Time: 14:00

Place: IMBM Seminar Room, Boğaziçi University South Campus