Mg II absorber clustering
along QSO sightlines

A project report

submitted in partial fulfillment for the award of the degree of

Master of Science

in

Physics

by

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under the guidance of

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CERTIFICATE

This is to certify that the project titled **MgII absorber clustering along QSO lines of sight** is a bona fide record of work done by **H S Sunil Simha** towards the partial fulfillment of the requirements of the Master of Science degree in Physics at the Indian Institute of Technology, Madras, Chennai 600036, India.

(L. Sriramkumar, Project supervisor)

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ABSTRACT

- Say something about study of Mg II absorbers

- Something about cosmological perturbation theory

- About how these guys are related

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Perturbation theory in the Newtonian Limit

Linear perturbation theory: The Meszaros equation

Non-linear perturbations: Spherical collapse

Press-Schrechter Formalism

Bibliography

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