

An Overview of the Theory of Eisenstein Series

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Outline:

1. Preliminaries and definitions
2. Sketches of the proofs of meromorphy and functional equations
3. Calculation of constant terms; intertwining operators and L-functions
4. Pseudo-Eisenstein series (time permitting)

Suggested reading:

1. The first chapter of my book *Eisenstein Series and Automorphic L-functions*, *AMS Colloquium Publications, Vol. 58, 2010* or other equivalent treatments
2. Arthur's Clay lectures
3. Harish-Chandra's SLN 62
4. Mœglin-Waldspurger's book.
5. Langlands SLN 544