

Bibliography

The reader is assumed to have a knowledge of:

- [1] H. Jacquet, R. Langlands, Automorphic forms on $GL(2)$, Lecture notes in mathematics, vol. 114, Springer-Verlag, 1970.

He can usefully complete it by reading:

- [2] R. Godement, Notes on Jacquet-Langlands theory, Institute for Advanced Study, Princeton, N.J., 1970.

Although not necessary for the lecture of the present set of notes, the following paper will most certainly throw some light on [1]:

- [3] A. Weil, Dirichlet Series and automorphic forms, Lecture notes in mathematics, vol. 189, Springer-Verlag.

We take also this opportunity to indicate to the reader the following article which will be of great help in filling the gaps of the last section of [1]:

- [4] M. Duflo and J.P. LaBesse, Sur la formule des traces de Selberg, Ann. Scient. Ec. Norm. Sup. 4^o série, t. 4, 1971, pp.193-284.

In §4 and §5 we had occasion to refer to:

- [5] Whittaker and Watson, A Course of Modern Analysis, Cambridge, 1962.

Section 19 does not contain any new idea. In particular, it is largely based upon:

- [6] R. Godement, Analyse spectrale des fonctions modulaires, Séminaire Bourbaki, 1964/65.

For §6 we have found convenient to refer also to:

- [7] A. Weil, Basic Number Theory, Springer-Verlag, 1967.

As well as to:

[8] R. Godement, H. Jacquet, Zeta functions of simple algebras,
Lecture notes in mathematics, Springer-Verlag , Vol. 260.

The Artin-Hecke L-functions are discussed in:

[9] R.P. Langlands, On the functional equation of the Artin L-functions,
Notes, Yale University (in preparation).

The "philosophy" of L-functions associated with automorphic forms
is explained in:

[10] R.P. Langlands, Problems in the theory of automorphic forms, Notes,
Yale University.

The following papers discuss the same subject as the present one:

[11] R. Rankin, Contributions to the theory of Ramanujan's function,
Proc. Cam. Phil. Soc., 1939.

[12] A. Selberg, Bemerkungen über eine Dirichletsche Reihe, die mit der
Theorie der Modulformen naheverbunden ist, Arch. Math. Naturvid. 43(1940)
47-50.

[13] A.P. Ogg, On a convolution of L-series, Inventiones math. 7, 1962.

[14] A. Selberg, On the estimation of Fourier coefficients of modular
forms, in Theory of Numbers, Proc. of Symposia in Math., Vol. VIII,
A.M.S. 1965.

[15] K. Doi and H. Naganuma, On the functional equation of certain
Dirichet series, Inventiones math., 9(1969), 1-14.