

In the present paper I develop certain methods which are necessary to attack one of the fundamental problems (Grand problem) of the theory of elliptic modular functions:

"The construction of the integrals of first kind of level  $N$  and the construction of their periods".

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Up to now we were only able to describe explicitly the integrals of first kind for a few levels  $N$ ; merely with the aid of theta series.

.... "he gives some more explanations" and then:

it is not known whether the integrals of first kind of level  $N$  can, for arbitrary  $N$ , be expressed by the integrals of theta series.