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## 10 Large non-abelian Fourier term modules

Now we consider functions of the form

$$g = na(t)k \mapsto \psi(n) g(t) \Phi(k)$$

where  $\psi$  is a theta function based on a normalized Hermite function

10a. Substitution rules

10b. Shift operators in the non-abelian case

10c. Preservation of the metaplectic quantity  $d$