# Part II of Computing Determinants Involving Stirling Numbers

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Using the Jacobi-Trudi formula mentioned in Theorem 2 in Part I (Eq. (I.3.5) in [M], p.4.1) we computed explicit expressions for $\beta_n(a,b)$, as well as the explicit generating functions $\sum_{n=0}^{\infty} \beta_n(a,b) q^n$ (that are always rational functions of $q$). for **all** $10 \geq n \geq a \geq b \geq 0$.

The output file is

`https://sites.math.rutgers.edu/~zeilberg/tokhniot/oStirlingDet1.txt` .

It was generated by executing the command

`Paper1(10,n,q):`

in the Maple package accompanying this article, that can be gotten from.

`https://sites.math.rutgers.edu/~zeilberg/tokhniot/StirlingDet.txt` .

**References**

[M] Ian G. Macdonald, *"Symmetric Functions and Hall Polynomials"*, second edition, Clarendon Press, Oxford, 1995.

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