Combinatorial multiple Eisenstein series & Polynomial functions on partitions
Lecture series at the Multiple Zeta Research Center, Kyushu University, 6th April - 8th April 2022
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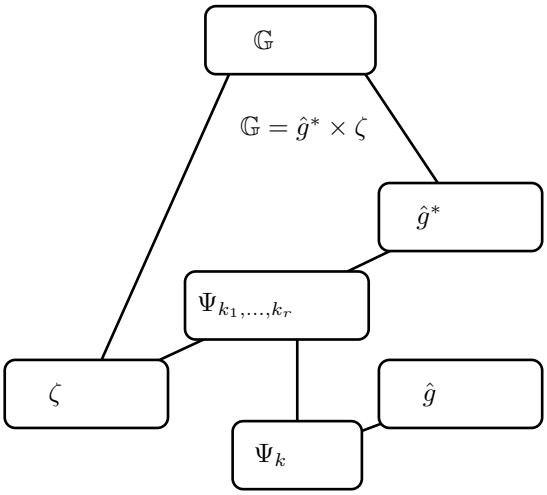
An overview, this handout, the handwritten lectures notes, and references can be found on

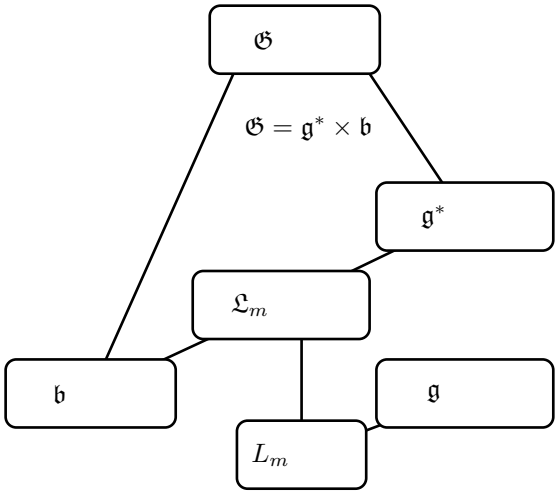
`https://www.henrikbachmann.com/cmes.html`.

If you have any questions, you can contact me anytime via email: henrik.bachmann@math.nagoya-u.ac.jp

Part 1: Multiple zeta values, Multiple Eisenstein series and q-analogues (6th - 7th April)



Part 2: Combinatorial multiple Eisenstein series (7th - 8th April)



Part 3: Polynomial functions on partitions and bi-multiple zeta values (8th April)

$$\begin{array}{ccccc} \mathbb{Q}^{\mathscr{P}} & \xrightarrow{\langle\ \rangle_q} & \mathbb{Q}[\![q]\!] & \xrightarrow{\text{“}\lim_{q\to 1}\text{”}} & \mathbb{R} \\ \cup & & \cup & & \cup \\ \mathbb{P} & \longrightarrow & \mathcal{Z}_q & \longrightarrow & \mathcal{Z} \\ \cup & & \cup & & \cup \\ \Lambda^* \subset \mathbb{M} & \longrightarrow & \widetilde{M} & \longrightarrow & \mathbb{Q}[\zeta(2)]. \end{array}$$

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