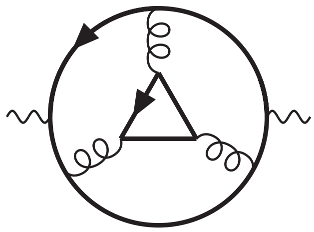
EVALUATION: some details

- parallel version of FORM3 / Fliegner, Retey, Vermaseren (2000)/ running on a powerful **8-alpha-processor-SMP-machine with disk space of 350 GB**

- calculations took approximately **500 hours** in total. The time includes $\approx$ **300** hours spent on the single diagram



which demonstrates that trivial parallelization by assigning different diagrams to different machines is *not* feasible

- *exact* answer was reconstructed from results of these expansions.

- **Extensive tests were performed:**

  Dealing with four-loop integrals, the result cannot have the singularities stronger then $1/(D-4)^4$ in $D \to 4$ limit. The contributions corresponding to individual master integrals have poles up to $1/(D-4)^6$ which cancel in the final expression. Furthermore, singular parts of all diagrams were checked by MINCER. Previously obtained four-loop results were successfully reproduced.