

- * The BCH product on FL
 - * The A-T product on TAut.
 - * My Ju
 - * The A-T J.
 - * The automorphism $\phi_j: FL \rightarrow FL$ of the previous page.
 - * The K/J renormalizations in β -calculus.
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Q. Is it true that every pair $(u, \lambda) \in T \times FL(T)$ defines 3 distinct automorphisms of $FL(T)$?

1. $C_u^\lambda: M \mapsto M // u \mapsto e^{\text{ad}^\lambda}(\bar{u}) // \bar{u} \mapsto u$
[The one with good BCH behaviour]
2. $C_u^\lambda: M \mapsto M // u \mapsto e^{\text{ad}^\lambda}(u)$
[The simplest] [and least useful?]
3. The "A-T definition": $\exp[\text{der}(u \mapsto [\lambda, u])]$
[An exponential of an infinitesimal automorphism].