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Three-loop soft anomalous dimensions for top-quark production

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I present results through three loops for soft anomalous dimensions that control soft-gluon emission in processes involving the top quark. In particular I present results for channels in single-top production and top-pair production as well as for processes with new physics, including tZ , tZ' , $t\gamma$, and tH production. These calculations are ingredients to resummations at N3LL accuracy and to derivations of N3LO soft-gluon corrections.

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