

Positive primitive torsion

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Martsinkovsky and Russell introduced a torsion radical –called *injective torsion*– as the injective stabilization of the tensor product with the module, evaluated at the ring. In joint work with Martsinkovsky I proved that this torsion coincides with what I earlier called *elementary torsion* for the case where the vanishing class of modules is that of flat modules (on the other side) and the pp formulas in question are those which vanish on that class (or simply, on the regular module).

I will discuss this and a generalization –now called *pp torsion*– to arbitrary classes of modules resp., arbitrary sets of pp formulas.