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Rip Cosmological Models in Extended Symmetric Teleparallel Gravity.

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In this work, we have investigated some rip cosmological models in an extended symmetric teleparallel gravity theory. We consider the form f (Q, T) = aQ^{m+bT} in the Einstein–Hilbert action and expressed the field equations and the dynamical parameters in terms of the non-metricity Q. Three rip models such as Little Rip, Big Rip, and Pseudo Rip are presented also the energy conditions and the cosmographic parameters are derived and analyzed for all these models.

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