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Numerical simulation results for anomalous electron heat transport in magnetic fusion device that is driven by electron temperature gradient (ETG) and trapped electron mode (TEM) turbulence: the figure shows the entropy transfer into the high wavenumber region via nonlinear interaction. The turbulence regulation by zonal flow is insignificant in the ETG turbulence ((a), (c), (e)), whereas it is significant in the ETG-TEM turbulence ((b), (d), (f)). (Yuuichi ASAHI *et al.*, Plasma and Fusion Research Vol. 10, 1403047 (2015) <http://www.jspf.or.jp/PFR/>)