

CCF [ $\mathcal{E}_-$ ] :=

PP<sub>CCF</sub>@ExpandDenominator@

ExpandNumerator@PP<sub>Together</sub>@Together [PP<sub>Exp</sub> [  
Expand [ $\mathcal{E}$ ] //.  $e^{x_-} e^{y_-} \Rightarrow e^{x+y}$  /.  $e^{x_-} \Rightarrow e^{\text{CCF}[x]}$  ] ] ;

CF [ $\mathcal{E}_\text{List}$ ] := CF /@  $\mathcal{E}$  ;

CF [ $sd\_SeriesData$ ] := MapAt [CF,  $sd$ , 3] ;

CF [ $\mathcal{E}_-$ ] := PP<sub>CF</sub>@Module [

{ $vs = \text{Cases}[\mathcal{E}, (y | b | t | a | x | \eta | \beta | \tau | \alpha | \xi)_-, \infty] \cup$   
 $\{y, b, t, a, x, \eta, \beta, \tau, \alpha, \xi\}$ },

Total[CoefficientRules[Expand [ $\mathcal{E}$ ],  $vs$ ] /.  
( $ps_- \rightarrow c_-$ )  $\Rightarrow$  CCF [ $c$ ] (Times @@  $vs^{ps}$ ) ]

];

CF [ $\mathcal{E}_\mathbb{E}$ ] := CF /@  $\mathcal{E}$  ;

CF [ $\mathbb{E}_{sp\_}[\mathcal{ES}\_\_\_\_]$ ] := CF /@  $\mathbb{E}_{sp}[\mathcal{ES}]$  ;