

```
CCF[E_]:=ExpandDenominator@ExpandNumerator@Together[  
    Expand[E] //.ex_ey_ :> ex+y /. ex_ :> eCCF[x]];
```

```
CF[E_List]:=CF/@E;
```

```
CF[sd_SeriesData]:=MapAt[CF,sd,3];
```

```
CF[E_]:=Module[  
{vs=Cases[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[E],vs]/.  
 (ps_ $\rightarrow$ c_):>CCF[c] $\times$ (Times@@vsps)]  
];
```

```
CF[E_IE]:=CF/@E; CF[Esp__[es___]]:=CF/@Esp[es];
```