

```
CF [ $\omega_.$   $\mathcal{E}_I$ ] := CF [ $\omega$ ]  $\times$  CF /@  $\mathcal{E}$ ;
```

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

```
CF [ $\mathcal{E}_$ ] := Module[{ $vs$ ,  $ps$ ,  $c$ },
```

```
 $vs$  = Cases [ $\mathcal{E}$ , ( $x$  |  $p$  |  $\xi$  |  $\pi$  |  $g$ ) __,  $\infty$ ]  $\cup$  { $\epsilon$ };
```

```
Total[CoefficientRules[Expand [ $\mathcal{E}$ ],  $vs$ ] /.
```

```
( $ps_$   $\rightarrow$   $c_$ )  $\Rightarrow$  Factor [ $c$ ] (Times @@  $vs^{ps}$ )]];
```