

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

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

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

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

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

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