|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Id | + | \* | ( | ) | $ |
| E | E -> TE’ |  |  | E -> TE’ |  |  |
| E’ |  | E’ -> +TE’ |  |  | E’ -> ε | E’ -> ε |
| T | T -> FT’ |  |  | T -> FT’ |  |  |
| T’ |  | T’ -> ε | T -> \*FT’ |  | T’ -> ε | T’ -> ε |
| F | F -> id |  |  | F -> (E) |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Matched | Stack | Input | Action |
|  | E$ | Id + id \* id$ |  |
|  | T E’$ | Id + id \* id$ | Output E -> T E’ |
|  | F T’ E’$ | Id + id \* id$ | Output T -> F T’ |
|  | Id T’ E’$ | Id + id \* id$ | Output F -> id |
| Id | T’ E’$ | + id \* id$ | Match id |
| Id | E’$ | + id \* id$ | Output T’ -> ε |
| id | + T E’$ | + id \* id$ | Output E’ -> + T E’ |
| Id + | T E’$ | Id \* id$ | Match + |
| Id + | F T’ E’$ | Id \* id$ | Output T -> F T’ |
| Id + | Id T’ E’$ | Id \* id$ | Output F -> id |
| Id + id | T’ E’$ | \* Id$ | Match id |
| Id + id | \* F T’ E’$ | \* id$ | Output T’ -> \* F T’ |
| Id + id \* | F T’ E’$ | Id$ | Match \* |
| Id + id \* | Id T’ E’$ | Id$ | Output F -> id |
| Id + id \* id | T’ E’$ | $ | Match id |
| Id + id \* id | E’$ | $ | Output T’ -> ε |
| Id + id \* id | $ | $ | Output E’ -> ε |