```
expr \leftarrow negate \{expr: expr\}
    _sym expr juxt
                                        \mathbf{match} c
                                         n+\circ \rightarrow -n+\circ
                                          else \rightarrow match c
                                                            n'+rac{1}{2+\circ} 
ightarrow \left(-n'-1
ight)+rac{1}{2+\circ}
                                                             else \rightarrow match c
                                                                              n''+rac{1}{1+rac{1}{l+rac{1}{l}}} 
ightarrow \left(-n''-1
ight)+rac{1}{\left(l+1
ight)+rac{1}{d}}
                                                                               else \rightarrow match c
                                                                                                n''' + \frac{1}{m + \frac{1}{m'}} \rightarrow \left(-n''' - 1\right) + \frac{1}{1 + \frac{1}{(m-1) + \frac{1}{m'}}}
                                                                                                 	ext{else} 
ightarrow 	ext{fail}
                                            where
                                                c = |expr|
```