

## Expression

constant : Union  
terms : list[Term]

\_\_add\_\_(value: typing.Union[int, float, typing.Self, Term]): typing.Self  
\_\_eq\_\_(value: typing.Self): bool  
\_\_expression\_init\_1(constant: constants.NUMBER): None  
\_\_expression\_init\_2(constant: constants.NUMBER): None  
\_\_expression\_init\_3(): None  
\_\_expression\_init\_4(expr: typing.Self): None  
\_\_expression\_init\_5(v: typing.Union[list[Variable], set[Variable]]): None  
\_\_hash\_\_(): int  
\_\_init\_\_(constant: constants.NUMBER): None  
\_\_mul\_\_(scalar: constants.NUMBER): typing.Self  
\_\_ne\_\_(value: typing.Self): bool  
\_\_neg\_\_(): typing.Self  
\_\_radd\_\_(scalar: constants.NUMBER): typing.Self  
\_\_repr\_\_(): str  
\_\_rmul\_\_(scalar: constants.NUMBER): typing.Self  
\_\_rsub\_\_(scalar: constants.NUMBER): typing.Self  
\_\_str\_\_(): str  
\_\_sub\_\_(expr: typing.Union[int, float, typing.Self, Term]): typing.Self  
\_\_truediv\_\_(scalar: constants.NUMBER): typing.Self  
add\_constant(expr: typing.Self, constant: constants.NUMBER): typing.Self  
add\_expressions(expr1: typing.Self, expr2: typing.Self): typing.Self  
add\_term(term: Term): None  
add\_term\_(exp: typing.Self, term: Term): typing.Self  
clone(): typing.Self  
get\_constant(): constants.NUMBER  
get\_constant\_term(var: Variable): constants.NUMBER  
get\_terms(): list[Term]  
increment\_constant(): None  
multiply\_constant(expr: typing.Self, constant: constants.NUMBER): typing.Self  
negate\_expression(expr: typing.Self): typing.Self  
set\_constant(constant: constants.NUMBER): None  
subtract\_expressions(expr1: typing.Self, expr2: typing.Self): typing.Self