

TrapezoidalConcreteConcept

```
_a : float  
_b : float  
_c : float  
_d : float  
a  
b  
c  
d  
k1 : float  
k2 : float  
name : str
```

```
__and__(value: typing.Self) : typing.Self  
__hash__() : int  
__init__(name: str, k1: float, k2: float, a: float, b: float, c: float, d: float) : None  
__neg__() : FuzzyConcreteConcept  
__or__(value: typing.Self) : typing.Self  
clone() : typing.Self  
compute_name() : str  
get_membership_degree(x: float) : float
```



FuzzyConcreteConcept

```
_k1 : float  
_k2 : float  
k1  
k2  
name : str
```

```
__init__(name: str) : None  
compute_atomic_concepts() : set[typing.Self]  
compute_name() : str  
get_membership_degree(value: float) : float  
get_roles() : set[str]  
is_concrete() : bool  
replace(concept1: Concept, concept2: Concept) : Concept
```