— MODULE JasonLibrary -

EXTENDS Integers

Set related

```
Pick(S) \stackrel{\triangle}{=} \text{CHOOSE } s \in S : \text{TRUE}
RECURSIVE SetReduce(_, _, _)
SetReduce(Op(\_, \_), S, value) \stackrel{\triangle}{=} IF S = \{\} THEN value

ELSE LET s \stackrel{\triangle}{=} Pick(S)

IN SetReduce(Op, S \setminus \{s\}, Op(s, value))
Sum(S) \stackrel{\triangle}{=} \text{LET } \_op(a, b) \stackrel{\triangle}{=} a + b
```

 $\ \ *$ Modification History

\ * Last modified Sun Apr 21 20:59:08 PDT 2019 by jasondebolt \ * Created Sun Apr 21 20:57:12 PDT 2019 by jasondebolt

IN $SetReduce(_op, S, 0)$