```
class FiniteSetOperations2(ABC):
@abstractmethod
def product(self, s1: FiniteSet, s2: FiniteSet) -> FiniteSet:
@abstractmethod
def projections(
  self.
) -> Tuple[Callable[[Element], Element], Callable[[Element], Element]]:
  """ Returns the two projection functions.
@abstractmethod
def disjoint_union(self, s1: FiniteSet, s2: FiniteSet) -> FiniteSet:
@abstractmethod
def injections(
  self.
) -> Tuple[Callable[[Element], Element], Callable[[Element], Element]]:
  """ Returns the two injection functions.
```