

**Source:**

## 1 | In the context of Linear Algebra (Axler 3.20) #definition surjective def

A function  $T : V \rightarrow W$  is called *surjective* if its range equals  $W$ .

### 1.1 | #aka onto aka

### 1.2 | Properties

#### 1.2.1 | A non-surjective map can be made surjective by changing the output space. (intuitive, not in book)