

The range of operator $T: U \rightarrow V$ is defined as:

$$R(A) = \{v \in V: \exists u \in U: v = A(u)\}$$

Rewriting this definition we got:

$$\{v \in V: \exists u \in U: v = A(u)\} = \{T(u) | u \in U\} = T(U)$$

Using this we conclude that $T(U)$ is the range of linear transformation T.

ANSWER: range of T