Given complex numbers $q$ and $\omega$, the Hahn's operator $D_{q, \omega}$ is defined by

$$
D_{q, \omega} f(x):=\frac{f(q x+\omega)-f(x)}{(q-1) x+\omega}
$$

where $f$ is a given function. For this operator, a large variety of properties, in different contexts, are well known.
Recently, a general quantic operator $D_{\beta}$, defined by

$$
D_{\beta} f(x):=\frac{f(\beta x)-f(x)}{\beta x-x}
$$

was introduced, generalizing the Hahn's operator.
The idea is to try to obtain similar results for this general operator.

