Principais Fórmulas

$$a_{\overline{n}|} = \frac{1-(1+i)^{-n}}{i} = \frac{1-v^n}{i}$$

$$\ddot{a}_{\overline{n}|} = \frac{(1+i).\,[1-(1+i)^{-n}]}{i} = \frac{1-v^n}{d}$$

$$a_{\overline{\infty}|} = \frac{1+i}{i} = \frac{1}{d}$$

$$\ddot{a}_{\overline{\infty}|} = \frac{1}{i}$$

$$s_{\overline{n}|} = (1+i)^n.\, a_{\overline{n}|} = \frac{(1+i)^n - 1}{i}$$

$$e_x = \sum_{t=1}^{\infty} {}_tp_x$$

$$e_{x:\overline{n}|} = \sum_{t=1}^{n} {}_tp_x$$

$$\mathring{e}_x = \int_0^{\infty} {}_tp_x\, dt$$

$$\mathring{e}_{x:\overline{n}|} = \int_0^{n} {}_tp_x\, dt$$

$$\mathring{e}_{80:\overline{10}|} = \int_0^{10} {}_tp_{80}\, dt$$