Bilag 4.

Den til en given Ventetid x svarende Afdragstid y bestemmes ved Ligning (4)

$$A + a\,x + b\,y = 100 + B + C$$

$x = 1$

$$15 + 2.2 + 4.64\,y = 100 + 0.7\,y$$
$$y = 21$$
$$17 \cdot 1.035 + 2.4 + 5.04 \cdot a_{21} = 100$$
$$a_{21} = 15.873$$

$2\frac{3}{4}$ pCt. p. a.

$x = 3$

$$15 + 2.2 \cdot 3 + 4.64\,y = 100 + 0.5\,y$$
$$y = 19$$
$$17 \cdot 1.035^3 + 2.4 \cdot (1 + a_2) + 5.04 \cdot a_{19} = 100$$
$$a_{19} = 14.623$$

$2\frac{3}{4}$ pCt. p. a.

$x = 5$

$$15 + 2.2 \cdot 5 + 4.64\,y = 100 + 0.3\,y$$
$$y = 17$$
$$17 \cdot 1.035^5 + 2.4\,(1 + a_4) + 5.04\,a_{17} = 100$$
$$a_{17} = 13.282$$

$2\frac{7}{8}$ pCt. p. a.

$x = 7$

$$15 + 2.2 \cdot 7 + 4.64\,y = 100 + 0.1\,y$$
$$y = 15$$
$$17 \cdot 1.035^7 + 2.4 \cdot (1 + a_6) + 5.04 \cdot a_{15} = 100$$
$$a_{15} = 11.845$$

$3\frac{1}{8}$ pCt. p. a.

$x = 9$

$$15 + 2.2 \cdot 9 + 4.64\,y = 100$$
$$y = 14$$
$$17 \cdot 1.035^9 + 2.4 \cdot (1 + a_8) + 5.04 \cdot a_{14} = 100$$
$$a_{14} = 10.308$$

$4\frac{3}{8}$ pCt. p. a.

$x = 11$

$$15 + 2.2 \cdot 11 + 4.64\,y = 100$$
$$y = 13$$
$$17 \cdot 1.035^{11} + 2.4\,(1 + a_{10}) + 5.04 \cdot a_{13} = 100$$
$$a_{13} = 8.6587$$

$6\frac{1}{8}$ pCt. p. a.

$x = 0$

$$15 + 4.64\,y = 100 + 0.8\,y$$
$$y = 22$$
$$17 + 5.04 \cdot a_{22} = 100$$
$$a_{22} = 16.468$$

$2\frac{3}{8}$ pCt. p. a.