Formulário

$F = P \cdot (1+i)^n$ $\quad F = P \cdot (F/P; i; n)$ $\quad F = P + J$ $\quad F = P \cdot (1 + n \cdot i)$

$P = F \cdot \frac{1}{(1+i)^n}$ $\quad P = F \cdot (P/F; i; n)$ $\quad J_n = P \cdot i \cdot n$ $\quad J_n = P \cdot \left[(1+i)^n - 1\right]$

$F = A \cdot \frac{(1+i)^n - 1}{i}$ $\quad F = A \cdot (F/A; i; n)$ $\quad F_{k+x} = F_k + (F_{k+1} - F_k) \cdot x$

$A = F \cdot \frac{i}{(1+i)^n - 1}$ $\quad A = F \cdot (A/F; i; n)$ $\quad P = \frac{A}{i}$ $\quad A = i \cdot P$

$P = A \cdot \frac{(1+i)^n - 1}{i \cdot (1+i)^n}$ $\quad P = A \cdot (P/A; i; n)$ $\quad i = \frac{r}{m}$ $\quad 1 + i = (1 + i_m)^m$

$A = P \cdot \frac{i \cdot (1+i)^n}{(1+i)^n - 1}$ $\quad A = P \cdot (A/P; i; n)$ $\quad 1 + i' = (1+\theta) \cdot (1+i)$ $\quad 1 + \theta = \prod_{k=1}^{m} (1 + \theta_k)$

$F = A \cdot n$ $\quad A = \frac{F}{n}$ $\quad P = A \cdot n$ $\quad A = \frac{P}{n}$ $\quad 1 + \theta = \left(1 + \theta_{\mathrm{eq}\,m}\right)^m$ $\quad F = P \cdot (1 + i')$

$F = A' \cdot \frac{(1+i)^n - 1}{i} \cdot (1+i)$ $\quad F = A' \cdot (F/A; i; n) \cdot (F/P; i; 1)$ $\quad c.m. = \theta \cdot P$ $\quad P_{corr} = P \cdot (1+\theta)$

$A' = F \cdot \frac{i}{(1+i)^n - 1} \cdot \frac{1}{1+i}$ $\quad A' = F \cdot (A/F; i; n) \cdot (P/F; i; 1)$ $\quad p_k = a_k + j_k$ $\quad j_k = i \cdot SD_{k-1}$

$P = A' \cdot \frac{(1+i)^n - 1}{i \cdot (1+i)^{n-1}}$ $\quad P = A' \cdot (P/A; i; n) \cdot (F/P; i; 1)$ $\quad SD_k = P - \sum_{k=1}^{k} a_k$ $\quad P = \sum_{k=1}^{n} a_k$

$A' = P \cdot \frac{i \cdot (1+i)^{n-1}}{(1+i)^n - 1}$ $\quad A' = P \cdot (A/P; i; n) \cdot (P/F; i; 1)$

$p = P \cdot (A/P; i; n)$ $\quad SD_k = p \cdot (P/A; i; n-k)$

$F = A' \cdot n$ $\quad A' = \frac{F}{n}$ $\quad P = A' \cdot n$ $\quad A' = \frac{P}{n}$ $\quad a = \frac{P}{n}$ $\quad j_k = i \cdot P \cdot \left(1 - \frac{k-1}{n}\right)$

$A = A' \cdot (1+i)$ $\quad A' = \frac{A}{1+i}$ $\quad SD_k = P \cdot \left(1 - \frac{k}{n}\right)$ $\quad p_k = \frac{P}{n} + i \cdot P \cdot \left(1 - \frac{k-1}{n}\right)$

$P = X \cdot \frac{\left(\frac{1+g}{1+i}\right)^n - 1}{g - i}$ $\quad X = P \cdot \frac{g - i}{\left(\frac{1+g}{1+i}\right)^n - 1}$

$k < n$:	$k = n$:
$a_k = 0$	$a_n = P$
$j = i \cdot P$	$j = i \cdot P$
$p_k = i \cdot P$	$p_n = P \cdot (1+i)$
$SD_k = P$	$SD_n = 0$

$p_k = \frac{p_{k\,S.F.} + p_{k\,S.H.}}{2}$

$a_k = \frac{a_{k\,S.F.} + a_{k\,S.H.}}{2}$

$j_k = \frac{j_{k\,S.F.} + j_{k\,S.H.}}{2}$

$SD_k = \frac{SD_{k\,S.F.} + SD_{k\,S.H.}}{2}$

$P = X \cdot \frac{n}{1+i}$ $\quad X = P \cdot \frac{1+i}{n}$

$X_k = X \cdot (1+g)^{k-1}$

$c.m._k = \theta_k \cdot (SD_{k-1} + j_k)$ $\quad p_{c.m.k} = p_k + c.m._k$

$SD_{corr.k} = SD_{k-1} \cdot (1 + \theta_k)$ $\quad j_{c.m.k} = i \cdot SD_{corr.k}$ $\quad c.m._{p\,k} = p_{c.m.k} - p_k$ $\quad c.m._{g\,k} = \theta_k \cdot SD_{k-1} + j_{c.m.k} - j_k$

$VPB = \sum_{k=0}^{n} \frac{B_k}{(1+TMA)^k}$ $\quad VPC = \sum_{k=0}^{n} \frac{C_k}{(1+TMA)^k}$ $\quad VPL = VPB - VPC$ $\quad VPUE = VPL \cdot (A/P; TMA; n)$

$CPL = VPC - VPB$ $\quad CPUE = CPL \cdot (A/P; TMA; n)$

$0 = \sum_{k=0}^{n} \frac{B_k - C_k}{(1+TIR)^k}$ $\quad B/C = \frac{VPB}{VPC}$ $\quad B/C = (1 + RASI)^n$ $\quad RASI = \sqrt[n]{B/C} - 1$

$$DC = fd \cdot P \qquad fd = \frac{1}{N} \qquad DC = \frac{P}{N} \qquad VC_n = P \cdot \left(1 - \frac{n}{N}\right) \qquad VR_n = P \cdot \left(\frac{VRE}{P}\right)^{\frac{n}{N}}$$

$$DR = t \cdot P \qquad t = \left(\frac{VRE}{P} - 1\right) \cdot \frac{1}{N} \qquad DR = \frac{VRE - P}{N} \qquad VR_n = P \cdot (1 + n \cdot t) \qquad VR_n = P \cdot \left[1 + \left(\frac{VRE}{P} - 1\right) \cdot \frac{n}{N}\right]$$

$$DR_n = t \cdot VR_{n-1} \qquad t = \left(\frac{VRE}{P}\right)^{\frac{1}{N}} - 1 \qquad VR_n = P \cdot (1 + t)^n$$

$$DR_n = P \cdot \left(\frac{VRE}{P}\right)^{\frac{n-1}{N}} \cdot \left[\left(\frac{VRE}{P}\right)^{\frac{1}{N}} - 1\right] \qquad DCA_n = P - VC_n \qquad DRA_n = P - VR_n$$

$$DA_n = P - VR_n$$

$$F = G \cdot \left[\frac{(1+i)^n - 1}{i^2} - \frac{n}{i}\right] \qquad F = G \cdot (F/G; i; n) \qquad P = A \cdot \sum_{k=1}^{n} \frac{1}{1 + k \cdot i} \qquad A = P \cdot \frac{1}{\sum_{k=1}^{n} \frac{1}{1 + k \cdot i}}$$

$$G = F \cdot \left[\frac{(1+i)^n - 1}{i^2} - \frac{n}{i}\right]^{-1} \qquad G = F \cdot (G/F; i; n) \qquad p = P \cdot \frac{1}{\sum_{k=1}^{n} \frac{1}{1 + k \cdot i}} \qquad a_k = P \cdot \frac{\frac{1}{\sum_{k=1}^{n} \frac{1}{1 + k \cdot i}}}{1 + k \cdot i}$$

$$P = G \cdot \left[\frac{(1+i)^n - 1}{i^2} - \frac{n}{i}\right] \cdot \frac{1}{(1+i)^n} \qquad P = G \cdot (P/G; i; n)$$

$$G = P \cdot \left\{\left[\frac{(1+i)^n - 1}{i^2} - \frac{n}{i}\right] \cdot \frac{1}{(1+i)^n}\right\}^{-1} \qquad G = P \cdot (G/P; i; n) \qquad j_{pk} = P \cdot \frac{1}{\sum_{k=1}^{n} \frac{1}{1 + k \cdot i}} \cdot \left(1 - \frac{1}{1 + k \cdot i}\right)$$

$$G = A \cdot \left[\frac{1}{i} - \frac{n}{(1+i)^n - 1}\right]^{-1} \qquad G = A \cdot (G/A; i; n)$$

$$A = G \cdot \left[\frac{1}{i} - \frac{n}{(1+i)^n - 1}\right] \qquad A = G \cdot (A/G; i; n) \qquad SD_k = P - \sum_{k=1}^{k} P \cdot \frac{\frac{1}{\sum_{k=1}^{n} \frac{1}{1 + k \cdot i}}}{1 + k \cdot i}$$

$$F = P \cdot e^{r \cdot n} \qquad P = F \cdot e^{-r \cdot n}$$

$$F = A \cdot \frac{e^{r \cdot n} - 1}{e^r - 1} \qquad A = F \cdot \frac{e^r - 1}{e^{r \cdot n} - 1} \qquad j_{gk} = i \cdot \left(P - \sum_{k=1}^{k-1} P \cdot \frac{\frac{1}{\sum_{k=1}^{n} \frac{1}{1 + k \cdot i}}}{1 + k \cdot i}\right)$$

$$P = A \cdot \frac{e^{r \cdot n} - 1}{e^{r \cdot n} \cdot (e^r - 1)} \qquad A = F \cdot \frac{e^{r \cdot n} \cdot (e^r - 1)}{e^{r \cdot n} - 1}$$

i = 1% ao período

n	F/P	P/F	F/A	A/F	P/A	A/P
1	1,010000	0,990099	1,000000	1,000000	0,990099	1,010000
2	1,020100	0,980296	2,010000	0,497512	1,970395	0,507512
3	1,030301	0,970590	3,030100	0,330022	2,940985	0,340022
4	1,040604	0,960980	4,060401	0,246281	3,901966	0,256281
5	1,051010	0,951466	5,101005	0,196040	4,853431	0,206040
6	1,061520	0,942045	6,152015	0,162548	5,795476	0,172548
7	1,072135	0,932718	7,213535	0,138628	6,728195	0,148628
8	1,082857	0,923483	8,285671	0,120690	7,651678	0,130690
9	1,093685	0,914304	9,368527	0,106740	8,566018	0,116740
10	1,104622	0,905287	10,462213	0,095582	9,471305	0,105582
11	1,115668	0,896324	11,566835	0,086454	10,367628	0,096454
12	1,126825	0,887449	12,682503	0,078849	11,255077	0,088849

i = 10% ao período

n	F/P	P/F	F/A	A/F	P/A	A/P
1	1,100000	0,909091	1,000000	1,000000	0,909091	1,100000
2	1,210000	0,826446	2,100000	0,476190	1,735537	0,576190
3	1,331000	0,751315	3,310000	0,302115	2,486852	0,402115
4	1,464100	0,683013	4,641000	0,215471	3,169865	0,315471
5	1,610510	0,620921	6,105100	0,163797	3,790787	0,263797
6	1,771561	0,564474	7,715610	0,129607	4,355261	0,229607
7	1,948717	0,513158	9,487171	0,105405	4,868419	0,205405
8	2,143589	0,466507	11,435888	0,087444	5,334926	0,187444
9	2,357948	0,424098	13,579477	0,073641	5,759024	0,173641
10	2,593742	0,385543	15,937425	0,062745	6,144567	0,162745
11	2,853117	0,350494	18,531167	0,053963	6,495061	0,153963
12	3,138428	0,318631	21,384284	0,046763	6,813692	0,146763