

Documentacao das Formulas

PyFinancial

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Abstract

1 Formulas

pv - BEG	$pv = (i + 1)^{-n} * (-fv * i - (i + 1) * ((i + 1)^n - 1) * pmt) / i$	http://www.arachn
pv - END	$pv = (i + 1)^{-n} * (-pmt * (i + 1)^n - fv * i + pmt) / i$	http://www.arachn
pv - i = 0	$pv = fv + n * pmt$	Material de Camilo
fv - BEG	$fv = ((i + 1) * pmt - (i + 1)^n * (i * pmt + pmt + i * pv)) / i$	http://www.arachn
fv - END	$fv = (pmt - (i + 1)^n * (pmt + i * pv)) / i$	http://www.arachn
fv - i = 0	$fv = -(pv + n * pmt)$	Material de Camilo
n - BEG	$n = \log((-fv * i + pmt * i + pmt) / (i * pmt + pmt + i * pv)) / \log(i + 1)$	http://www.arachn
n - END	$n = \log((pmt - fv * i) / (pmt + i * pv)) / \log(i + 1)$	http://www.arachn
n - i = 0	$n = (pv - fv) / pmt$	Material de Camilo
pmt - BEG	$pmt = -i * (pv * (i + 1)^n + fv) / ((i + 1) * ((i + 1)^n - 1))$	http://www.arachn
pmt - END	$pmt = -i * (pv * (i + 1)^n + fv) / ((i + 1)^n - 1)$	http://www.arachn
pmt - i = 0	$pmt = (pv - fv) / n$	Material de Camilo
i	$i = (fv/pv ^{1/n} - 1) * 100$	http://www.crd200
npv	$NPV = CF_0 + CF_1 / (1 + i)^1 + CF_2 / (1 + i)^2 + ... + CF_n / (1 + i)^n$	Manual da HP c003
irr	Resolvido por iteracao da frmula acima at que $NPV = 0$.	Livro que est com e