Time Value of Money (Interest Rate) & Cash Flow

Engineering Economic Analysis Section Perancangan Pabrik Kimia 2

















Discount Factor Table			
Conversion	Symbol	Common Name	Formula
P to F	(F/P,i,n)	Single Payment Compound Amount Factor	(1+i) ⁿ
F to P	(P/F,i,n)	Single Payment Present Worth Factor	1 / (1+i) ⁿ
A to F	(F/A,i,n)	Uniform Series Compound Amount Factor, Future Worth of Annuity	$\frac{\left(1+i\right)^n-1}{i}$
F to A	(A/F,i,n)	Sinking Fund Factor	$\frac{i}{\left(1+i\right)^n-1}$
P to A	(A/P,i,n)	Capital Recovery Factor	$\frac{i\big(\!1+i\big)^n}{\big(\!1+i\big)^n-1}$
A to P	(P/A,i,n)	Uniform Series Uniform Series Present Worth	$\frac{(1+i)^n-1}{(1+i)^n}$
		Factor, Present Worth of Annuity	$i(1+i)^n$





















