Flashcards Learning & Memorizing Key Topics and Formulas

SOA Exam FM — Fall 2018 Edition —



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Publication: ACTEX/ASM FM Flashcards, Fall 2018 Edition
In preparing for my exam I found this material: (Check one)
Very GoodGoodSatisfactoryUnsatisfactory
I found the following helpful:
I found the following problems: (Please be specific as to section, specific item, and/or page number)

Please continue on the other side of this card.

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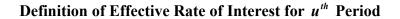
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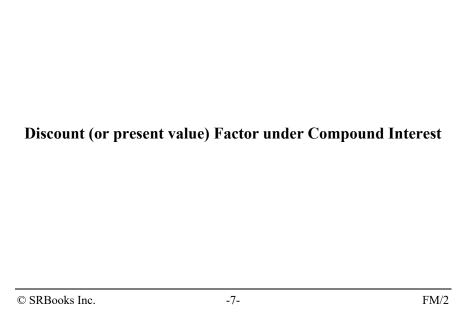
$$a(t) = (1+i)^t$$

Accumulation Function under Simple Interest

$$a(t) = 1 + it$$



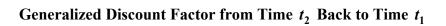
$$i_{u+1} = \frac{A(u+1) - A(u)}{A(u)}$$



$$v^t = \left(\frac{1}{1+i}\right)^t = (1+i)^{-t}$$



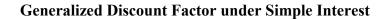
$$\frac{1}{1+ii}$$



$$\frac{A(t_1)}{A(t_2)}$$



$$\frac{A(t_1)}{A(t_2)} = \frac{(1+i)^{t_1}}{(1+i)^{t_2}} = v^{t_2-t_1}$$



$$\frac{A(t_1)}{A(t_2)} = \frac{1+i \cdot t_1}{1+i \cdot t_2} \neq 1+i(t_2-t_1)$$